

eOne Solutions

Popdock Data Lake Upload Tool Installation and Usage Guide for Dynamics SL

How to install, configure and use the tool to migrate customer data from Dynamics SL

1. Overview

The Data Lake Upload Tool is designed to help customers move their on-premises data into the cloud. It can be used to perform regular data backups or migrate legacy data to cloud storage for faster access through Popdock. Once data has been transferred to the data lake, it is stored, managed, and accessed from this central repository.

This installation guide will support eOne Partners and services consultants through setting up and using the Data Lake Upload Tool to migrate customer data from Dynamics SL. This guide includes instructions on preparing for the installation, installing the tool, and using the tool to port data from Dynamics SL to an Azure data lake.

2. Prepare for the installation

To ensure a successful install and migration of your systems using the tool, you will want to:

- Complete pre-installation tasks
- Meet minimum hardware/software guidelines
- Follow network recommendations
- Create an account credentials list

2.1. Pre-installation tasks

There are two pre-installation tasks the Data Lake Upload Tool requires and should be completed before installing it. An existing Azure data lake setup is required along with an Azure Data Lake connector configured in Popdock which connects to it.

The tool needs a running Azure data lake with 2 storage containers. One container will store your table information and the other for list information. You can use this article to [setup an Azure Data Lake](#).

Once the data lake containers have been created, you will [add an Azure Data Lake Connector](#) to your Popdock configuration. After the Popdock Data Lake Connector is created, you will have the necessary pre-installation tasks completed.

2.2. Hardware/Software Guidelines

The Data Lake Upload Tool requires that the computer running the tool is connected to the same network as the SQL database server, has enough processing power, storage space and memory for the tool's data transfer processes and meets the minimum supported Operating System version guidelines.

Minimum hardware requirements:

CPU	1GHZ Processor
Memory	8 GB
Disk Space (free)	Size of the database(s) or greater

Minimum software requirements:

Client OS	Windows 8 or higher
Server	Windows Server 2012 or higher

Minimum database requirements:

SQL Server	SQL Server 2014 or higher
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NOTE: For technical support with earlier versions of SQL Server, contact support@eonesolutions.com.

2.3. Network Recommendations

The internet connection should be at least 5 Mbps upload to support the file transfer processes of the tool. The network and internet connection play a key role in the data transfer experience because low bandwidth internet and poor network connections can lead to slower transfer speeds and connection timeouts. While the 5 MBPs internet speed is a minimum guideline, a faster internet connection may not always guarantee faster data transfer speeds.

2.4. Account Credentials List

The installation process requires login information for multiple accounts to provide access to resources and systems involved in the upload process.

Use the list below to populate the necessary account information and have it available during the Data Lake Upload Tool installation.

2.4.1 **Popdock Credentials** - This is login information for the Popdock account.

System: Popdock	Description	Enter your information
Username	[The Popdock admin account username.]	
Password	[The Popdock account password.]	
Account	[The login account name]	

2.4.2 **Azure Data Lake Connector Credentials** – This information can be gathered from either the [Popdock Data Lake Connector](#) or the [Azure Console](#).

System: Azure Data Lake	Description	Enter your information
Data Lake Connector	[The name of your Popdock Data Lake Connector]	
Storage Account	[The name of the storage account in the Azure console or your Popdock Data Lake Connector configuration]	
Table Container	[The storage account container, in the Azure console, where all tables/views will be copied]	
List Container	[The storage account container, in the Azure console, where all lists will be copied]	
Shared Key	[The Shared key for the storage account in the Azure console]	

2.4.3 **Database Credentials** – This information is from your database server.

System	DYNAMICS SL	Enter your information
Server	[The hostname of the SQL server]	
Port	[The port being used by the SQL server]	
System Database	[The name of the SQL server system database]	
Username	[A SQL Server user with read access to the system database]	
Password	[The password for the SQL Server user]	

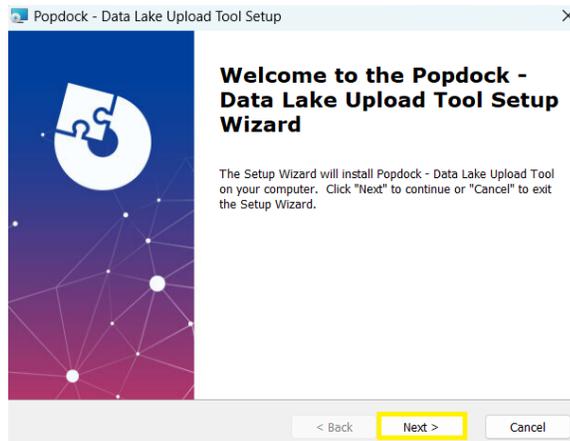
3 Run the setup wizard installation

The Data Lake Upload Tool Setup Wizard is an installer that places the files necessary to run the upload tool on the computer.

NOTE: Before running the setup wizard installation, make sure you have completed the required tasks under [prepare for the installation](#).

To install the Data Lake Upload Tool:

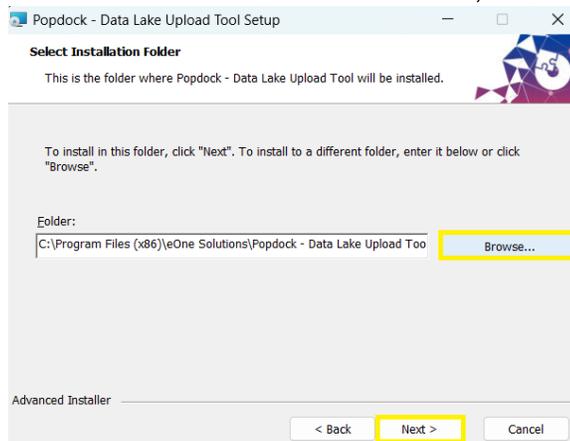
3.1 This is the welcome page, select **Next** to continue.



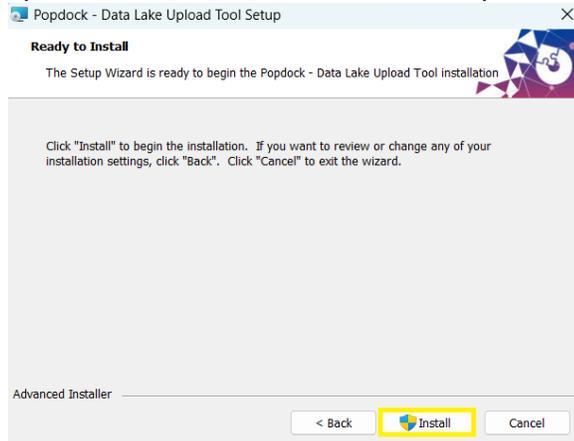
3.2 In **Select Installation Folder**, a default installation folder for the Data Lake Upload Tool files is selected.

NOTE: You can change the installation folder location, where the files to run the tool are copied, by pressing the **Browse** button and selecting another folder.

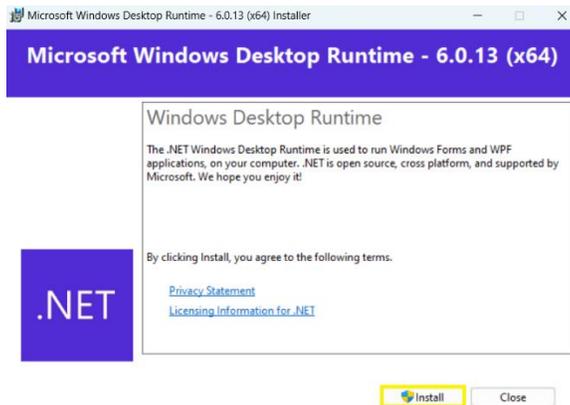
3.3 Select the default installation folder location, then **Next** to continue.



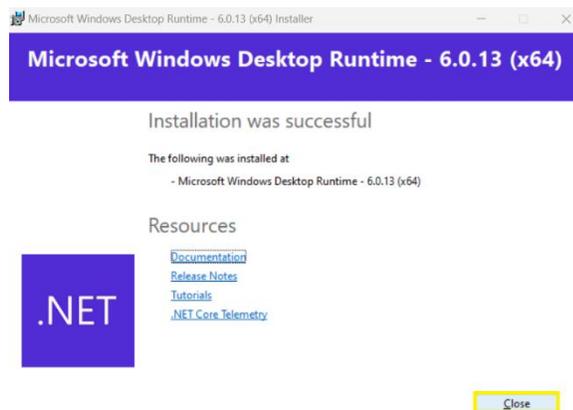
3.4 The Setup Wizard will install the software required by the upload tool.



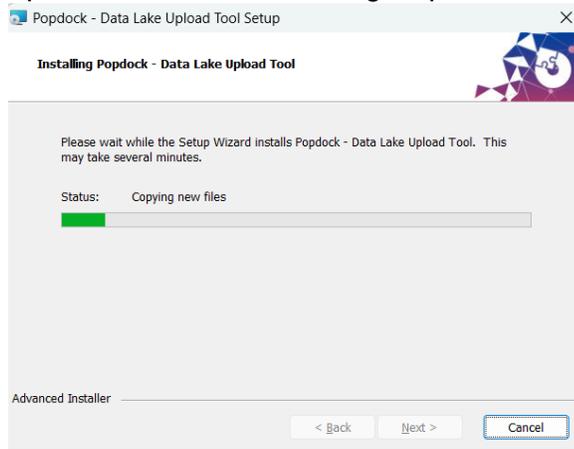
3.5 If the Windows Desktop Runtime 6.0.13 is not installed, on the computer that will run the Data Lake Upload Tool, it will be installed when you press the **Install** button.



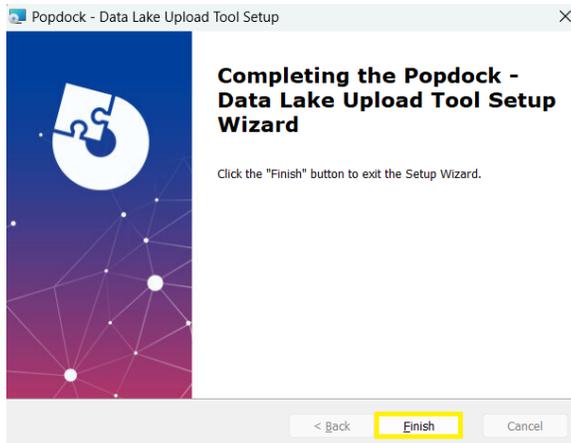
3.6 You will know the .NET Runtime installation is complete when you see this window, press the **Close** button.



3.7 The setup will resume the remaining steps in the installation automatically.



3.8 When you see this window, the setup wizard has successfully completed the installation, select the **Finish** button.



4 Copying Quick Queries from Dynamics SL

NOTE: To use the tool, make sure you have completed the tasks under [prepare for the installation](#) and run the setup wizard installation.

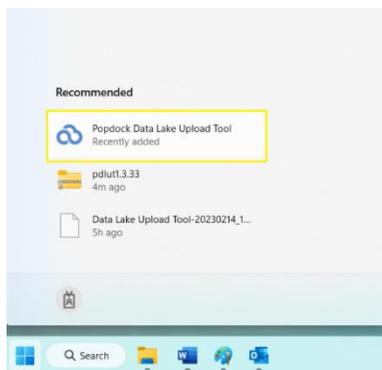
Once the setup wizard is completed successfully, the files necessary to run the Data Lake Upload Tool are installed on the computer and the tool is ready to use.

When porting your legacy data, it is recommended that you migrate both the Quick Queries and the tables and views on your Dynamics SL servers. In this section, you will migrate the Quick Queries and in the next section the tables and views will be selected.

You will need the **account credentials list**, which you gathered earlier, to use the Data Lake Upload Tool.

NOTE: You will need the account credentials list to use the Data Lake Upload Tool. If you do not have the list, go back to the [prepare for the installation](#) section and complete the list.

Go to the **Start Menu** and select **Popdock – Data Lake Upload Tool**.

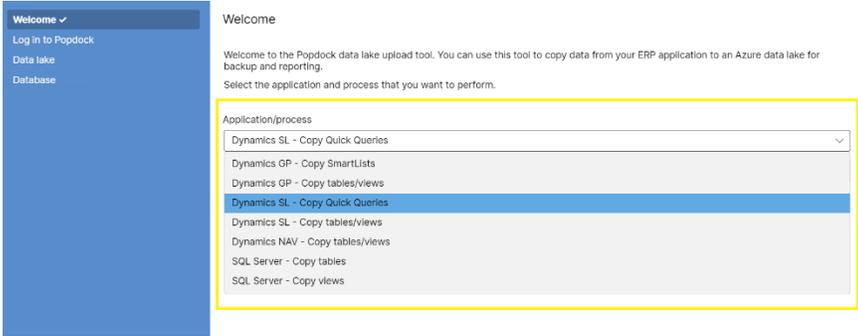


4.1 Welcome Page

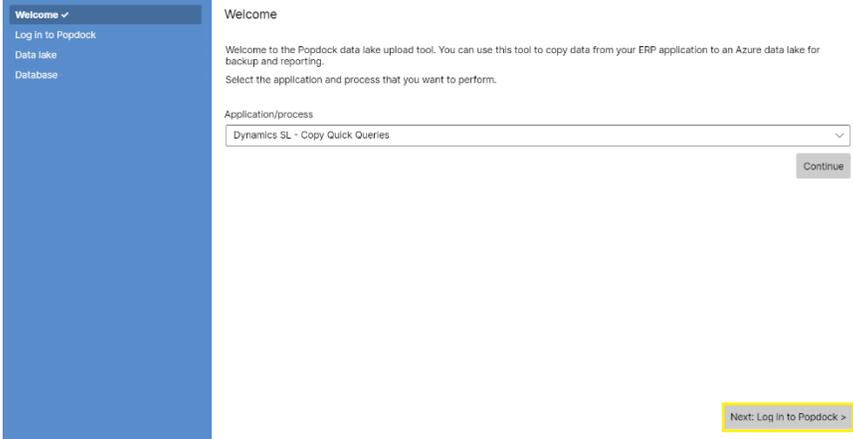
On the welcome page, you will have the option to copy from different systems. Here we will look at options that apply to Dynamics SL.

To get started, you will want to make a copy of the Quick Queries from your Dynamics SL Server. These should be the lists you use most frequently, so copy them first. Once you have a copy of these Quick Queries, you will re-run the tool to copy all the tables and views.

4.1.1 Select the dropdown arrow on the right, to view the available options.



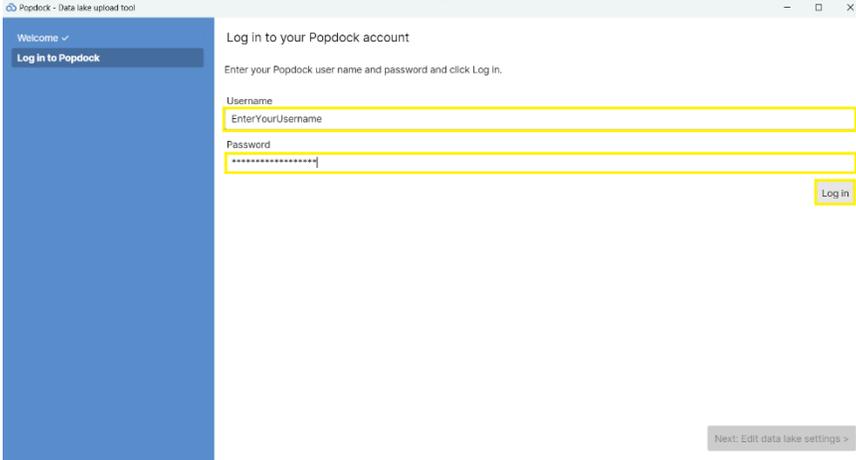
4.1.2 Select **Dynamics SL- Copy Quick Queries**, then press **Continue**.



4.2 Log in to your Popdock account

At the **Log in to Popdock** screen, you will provide the Popdock username, password, and account information for your account, which will be validated by the tool. The Popdock login entered should be the admin of the account.

4.2.1 At the log in screen, enter the **Username** and **Password** for the Popdock account admin, then press the **Log in** button to validate the credentials.



4.2.2 If you have more than one account, the **Account** field will appear below Password. Select the dropdown arrow, below account, to view the list of available accounts.

The screenshot shows a web browser window titled "Popdock - Data lake upload tool". On the left is a blue sidebar with "Welcome" and "Log in to Popdock". The main content area is titled "Log in to your Popdock account" and contains the instruction "Enter your Popdock user name and password and click Log in." Below this are three input fields: "Username" (containing "EnterYourUserName"), "Password" (containing "*****"), and "Account". The "Account" field is a dropdown menu with a yellow border, showing a list of accounts: "eOne Solutions" (highlighted in blue), "Neon Rated", and "Oklahoma State Fair, Inc.". A "Next: Edit data lake settings" button is visible at the bottom right.

4.2.3 Select an **Account**, then select the **Log in** button to re-validate the credentials.

This screenshot is identical to the previous one, but with additional highlights. The "eOne Solutions" option in the "Account" dropdown menu is highlighted with a yellow box. The "Log in" button at the bottom right of the form is also highlighted with a yellow box. The "Clear" button to its left is not highlighted. The "Next: Edit data lake settings" button remains at the bottom right.

- 4.2.4 If the login information cannot be confirmed as entered, you will see the error message below. Check your Popdock login username/password, then enter the information and select **Log in**.

Logging in...
An account using that username and password was not found

NOTE: *The installation will not move to the next page until your Popdock credentials are successfully verified.*

- 4.2.5 Once the login information is successfully validated, the installation process will automatically move to the next configuration page.

4.3 Connect to your Azure data lake

At the **Data Lake** screen, you will provide connection information for your Azure data lake and connector in Popdock. The installer will verify the information entered then proceed to the next step in the installation.

NOTE: *You will need the account credentials list for this section.*

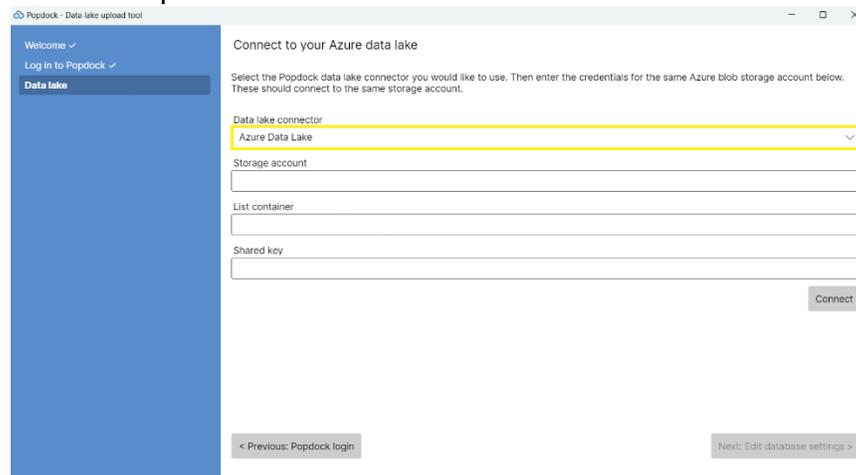
- 4.3.1 Here you will select a data lake connector, enter the storage account, enter the container, and paste the shared key.

The screenshot shows a window titled "Popdock - Data lake upload tool". On the left is a blue sidebar with navigation options: "Welcome", "Log in to Popdock", and "Data lake" (which is highlighted). The main content area is titled "Connect to your Azure data lake" and contains the following text: "Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account." Below this text are four input fields: "Data lake connector" (a dropdown menu), "Storage account", "List container", and "Shared key". A "Connect" button is located at the bottom right of the form. At the bottom of the window, there are two navigation buttons: "< Previous: Popdock login" and "Next: Edit database settings >".

- 4.3.2 Select the dropdown arrow under **Data Lake connector** to display the list of Azure data lake connectors configured in your Popdock account.

This screenshot is similar to the previous one, but the "Data lake connector" dropdown menu is open, displaying a list of connectors. The list includes: "Azure Data Lake (joe-gp)", "Azure Data Lake (demosl)", "Azure Data Lake (gp-database)", "Azure Data Lake (crimson)", "Azure Data Lake (joe-nav-tables)", "Azure Data Lake (joe)", "Azure Data Lake (joe-sql)", "Azure Data Lake (joe-sl-lists)", "Azure Data Lake (joe-gp-tables)", "Azure Data Lake (joe-sl-tables)", "Azure Data Lake (joe-gp-lists)", "Azure Data Lake", and "Azure Data Lake (joe-nav-lists)". The dropdown menu is highlighted with a yellow border. The rest of the form and navigation buttons are the same as in the previous screenshot.

4.3.3 Select a Popdock Data Lake connector.



Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake

Connect to your Azure data lake

Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account.

Data lake connector
Azure Data Lake

Storage account

List container

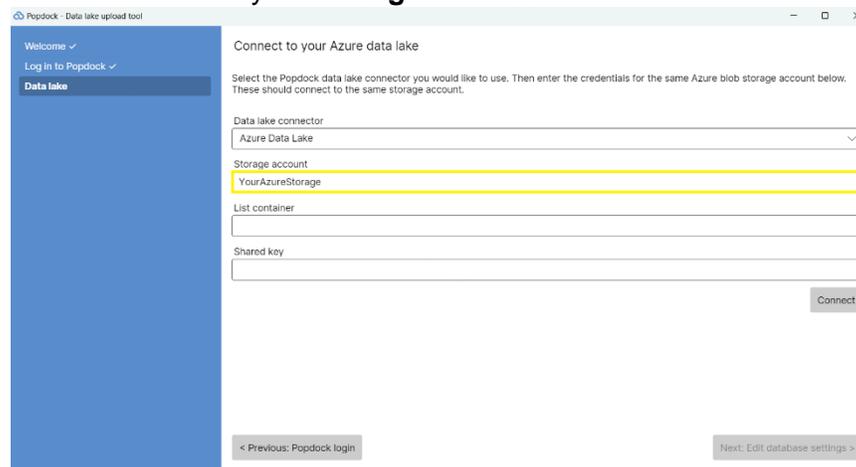
Shared key

Connect

< Previous: Popdock login

Next: Edit database settings >

4.3.4 Enter the name of your storage account.



Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake

Connect to your Azure data lake

Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account.

Data lake connector
Azure Data Lake

Storage account
YourAzureStorage

List container

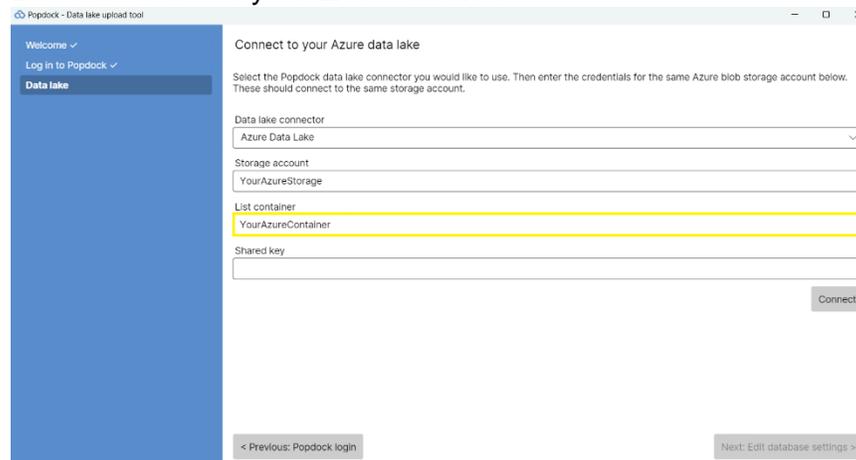
Shared key

Connect

< Previous: Popdock login

Next: Edit database settings >

4.3.5 Enter the name of your List container.



Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake

Connect to your Azure data lake

Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account.

Data lake connector
Azure Data Lake

Storage account
YourAzureStorage

List container
YourAzureContainer

Shared key

Connect

< Previous: Popdock login

Next: Edit database settings >

4.3.6 Copy and paste the contents of your **Shared key**.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake

Connect to your Azure data lake

Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account.

Data lake connector
Azure Data Lake

Storage account
YourAzureStorage

List container
YourAzureContainer

Shared key

Connect

< Previous: Popdock login

Next: Edit database settings >

4.3.7 After entering the Azure Data Lake information, select the **Connect** button to validate.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake
Database ✓

Connect to your Azure data lake

Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account.

Data lake connector
Azure Data Lake

Storage account
YourAzureStorage

List container
YourAzureContainer

Shared key

Validating.....

Connect

< Previous: Popdock login

Next: Edit database settings >

4.3.8 If the storage account, container, or shared key information is entered incorrectly, the installation will not move to the **Database** page and the error message below will be displayed.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake

Connect to your Azure data lake

Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account.

Data lake connector
Azure Data Lake

Storage account
YourAzureStorage

List container
YourAzureContainer

Shared key

Could not authenticate you

Connect

< Previous: Popdock login

Next: Edit database settings >

4.3.9 Check your credential list Azure data lake information, then re-enter information, and select the **Log in button** to validate.

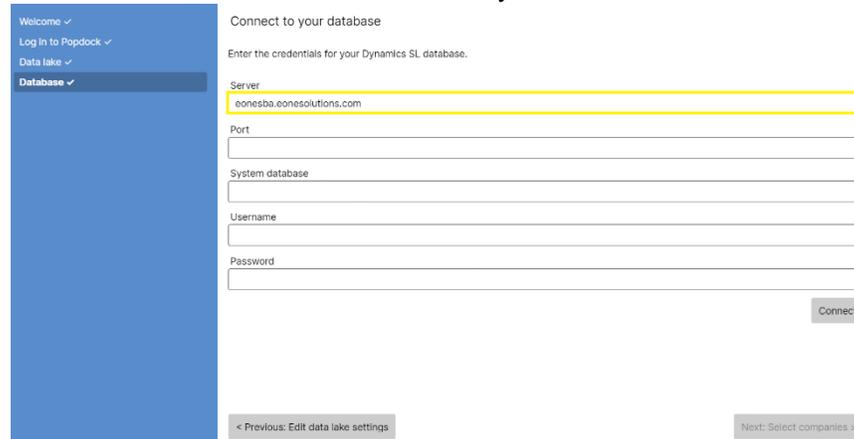
- 4.3.10 Once the connection to your Azure Data Lake connection is successfully validated, the installation process will automatically move to the next page.

4.4 Connect to your database

At the **Database** screen, you will provide connection information for the Dynamics SL database. The installer will use the server and login information to test the connection to your database server.

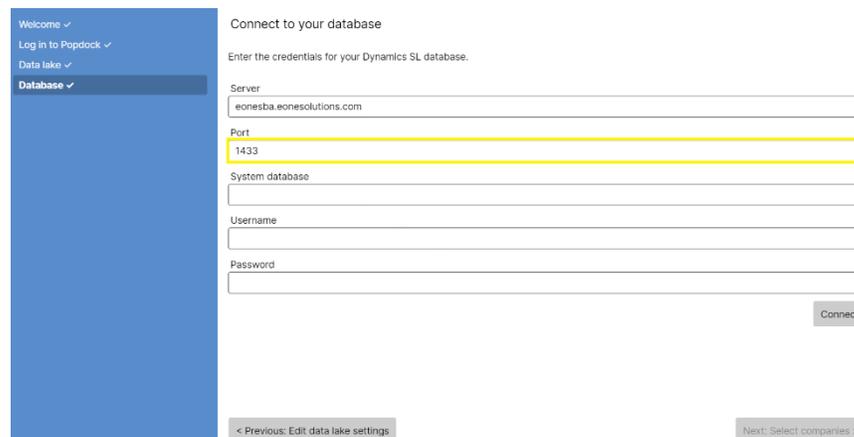
NOTE: You will need the account credentials list for this section.

- 4.4.1 Under **Server**, enter the hostname of your database server.



The screenshot shows the 'Connect to your database' screen. On the left is a blue sidebar with navigation links: 'Welcome', 'Log in to Popdock', 'Data lake', and 'Database' (which is selected). The main content area has the title 'Connect to your database' and the instruction 'Enter the credentials for your Dynamics SL database.' Below this are several input fields: 'Server' (containing 'eonesba.eonesolutions.com' and highlighted with a yellow border), 'Port', 'System database', 'Username', and 'Password'. A 'Connect' button is located at the bottom right. At the bottom of the screen are two navigation buttons: '< Previous: Edit data lake settings' and 'Next: Select companies >'.

- 4.4.2 Enter the **Port** being used by your SQL server to provide database services. The default port for database services is 1433, but before using it, confirm to [find the TCP Port number your SQL Instance is listening on](#).



This screenshot is identical to the previous one, but the 'Port' input field now contains the value '1433' and is highlighted with a yellow border. The 'Server' field still contains 'eonesba.eonesolutions.com'. All other elements, including the sidebar, buttons, and navigation links, remain the same.

4.4.3 Enter the name of the system database.

Connect to your database

Enter the credentials for your Dynamics SL database.

Server
eonesba.eonesolutions.com

Port
1433

System database
slideosystem

Username

Password

Connect

< Previous: Edit data lake settings

Next: Select companies >

4.4.4 Enter the SQL Server user credentials, under **Username** and **Password**.

Connect to your database

Enter the credentials for your Dynamics SL database.

Server
eonesba.eonesolutions.com

Port
1433

System database
slideosystem

Username
sa

Password

Connect

< Previous: Edit data lake settings

Next: Select companies >

NOTE: *This SQL Server login user does not need administrative privileges or be the sa account.*

4.4.5 Once all the information for the database server is entered, select the **Connect** button to validate.

Connect to your database

Enter the credentials for your Dynamics SL database.

Server
eonesba.eonesolutions.com

Port
1433

System database
slideosystem

Username
sa

Password

Connect

< Previous: Edit data lake settings

Next: Select companies >

4.4.6 If any of the database server connection information is not entered correctly, an error message will appear, and the installer will not move to the next page.

- 4.4.7 To find additional information on common error messages, go to the [troubleshoot the tool](#) section.
- 4.4.8 If a successful connection is made, the lists will begin loading and the installer will move to the next page.

Welcome ✓
Log in to Popdock ✓
Data lake ✓
Database ✓
Select companies ✓
Select lists ✓
Run ✓

Connect to your database

Enter the credentials for your Dynamics SL database.

Server
eonesba.eonesolutions.com

Port
1433

System database
sldemosystem

Username
sa

Password

Loading lists...

Connect

4.5 Select Companies

The **Select Companies** screen displays the available company databases to choose from. You will select the companies here, and in the next screen, you will be able to choose which lists to download.

- 4.5.1 Choose the companies by selecting the square to the left of the company name.

Welcome ✓
Log in to Popdock ✓
Data lake ✓
Database ✓
Select companies ✓
Select lists ✓
Run ✓

Select companies

Select the companies that you would like to copy.

Select all Select none

Graphic Design Institute:Demo
 Humongous Insurance:Demo
 Contoso, Ltd:Demo
 Coho Vineyard:Demo
 Coho Winery:Demo

< Previous: Edit database settings

Next: Select lists >

- 4.5.2 Select the box next to the companies you want to copy, then the **Next: Select lists** button.

Welcome ✓
Log in to Popdock ✓
Data lake ✓
Database ✓
Select companies ✓
Select lists ✓
Run ✓

Select companies

Select the companies that you would like to copy.

Select all Select none

Graphic Design Institute:Demo
 Humongous Insurance:Demo
 Contoso, Ltd:Demo
 Coho Vineyard:Demo
 Coho Winery:Demo

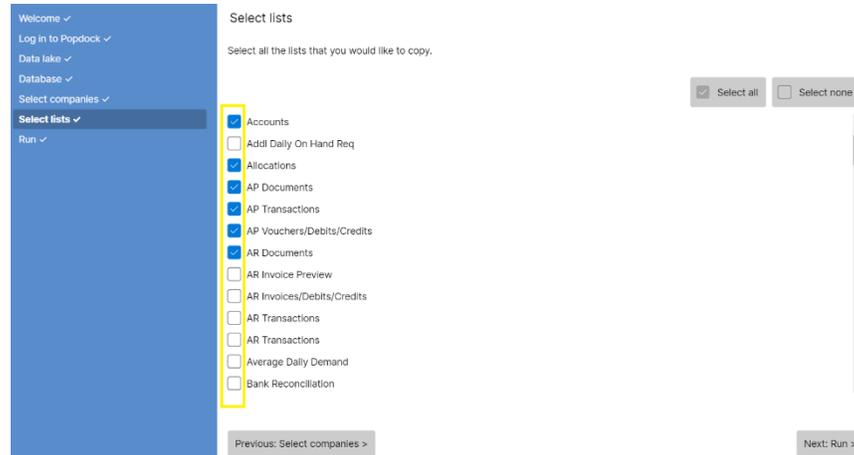
< Previous: Edit database settings

Next: Select lists >

4.6 Select Lists

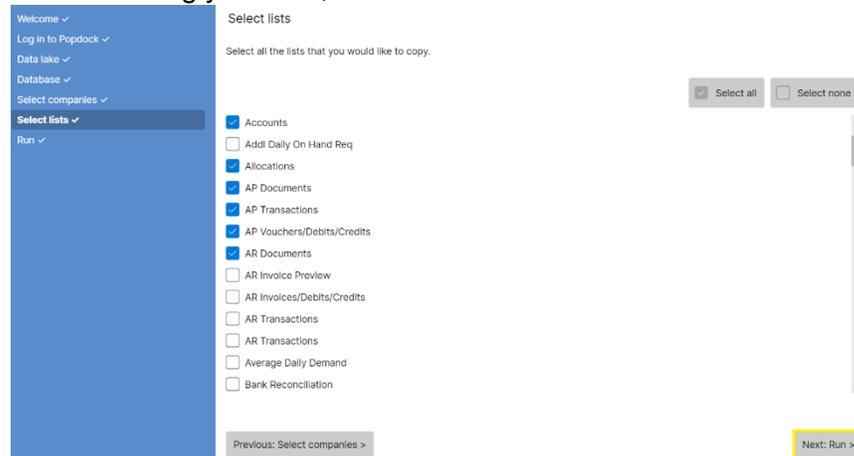
On the **Select Lists** page, you will choose the lists you want to copy from the selected companies.

4.6.1 Choose the **Lists** you would like to upload, by selecting the box to the left of each list.



The screenshot shows the 'Select Lists' interface. On the left is a navigation menu with 'Select lists' highlighted. The main area contains a list of items with checkboxes. A yellow box highlights the 'Accounts' checkbox, which is checked. Other checked items include 'Allocations', 'AP Documents', 'AP Transactions', 'AP Vouchers/Debits/Credits', and 'AR Documents'. Unchecked items include 'Addl Daily On Hand Req', 'AR Invoice Preview', 'AR Invoices/Debits/Credits', 'AR Transactions', 'Average Daily Demand', and 'Bank Reconciliation'. At the top right are 'Select all' and 'Select none' buttons. At the bottom are 'Previous: Select companies >' and 'Next: Run >' buttons.

4.6.2 After choosing your lists, select the **Next: Run** button.



This screenshot is identical to the previous one, but the 'Next: Run >' button at the bottom right is highlighted with a yellow box.

4.7 Run

The Data Lake Upload Tool will start the import process immediately. At the **Run** screen, the upload tool will make the necessary connections, download the data to the computer running the data lake upload tool, then upload it to the data lake.

Once the tool has finished running, you will see the **Report** screen.

4.7.1 The **Report** screen shows the final status of the import process.

Company	Name	Records	Bytes	Status	Retry
Graphic Design Institute:Demo	Account Categories	68	13.67KB	Success	✓
Graphic Design Institute:Demo	Accounts	338	63.75KB	Success	✓
Graphic Design Institute:Demo	Allocations	0	0B	Skipped	▲ <input type="checkbox"/>
Graphic Design Institute:Demo	AP Documents	0	0B	Skipped	▲ <input type="checkbox"/>

NOTE: The Quick Queries that were selected have finished copying and the status shows that it was a **Success**. There were two lists with 0 records that were **Skipped**.

4.7.2 Now that the Quick Queries have been copied, proceed to copying the Dynamics SL tables and views.

4.7.3 You can use the **Run Again** button on the **Report** page, to run the tool without having to reenter your login credentials.

Company	Name	Records	Bytes	Status	Retry
Graphic Design Institute:Demo	Account Categories	68	13.67KB	Success	✓
Graphic Design Institute:Demo	Accounts	338	63.75KB	Success	✓
Graphic Design Institute:Demo	Allocations	0	0B	Skipped	▲ <input type="checkbox"/>
Graphic Design Institute:Demo	AP Documents	0	0B	Skipped	▲ <input type="checkbox"/>

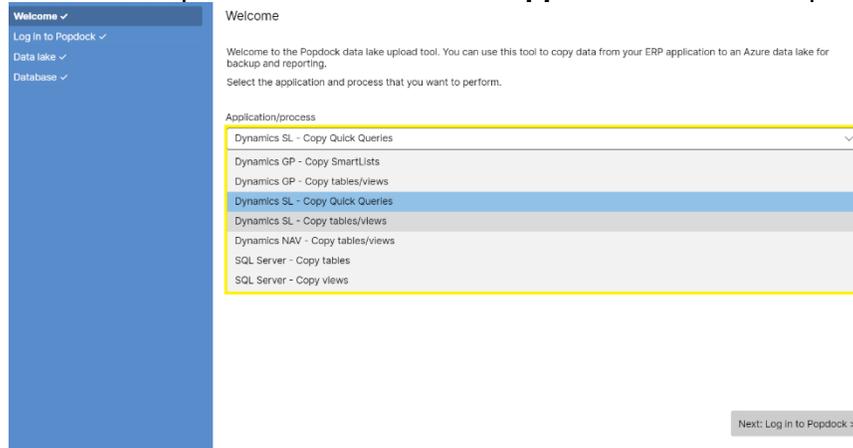
4.7.4 Select the **Run Again** button, the installer will return to the **Welcome** screen and start the configuration process again.

5 Copying Tables/Views from Dynamics SL

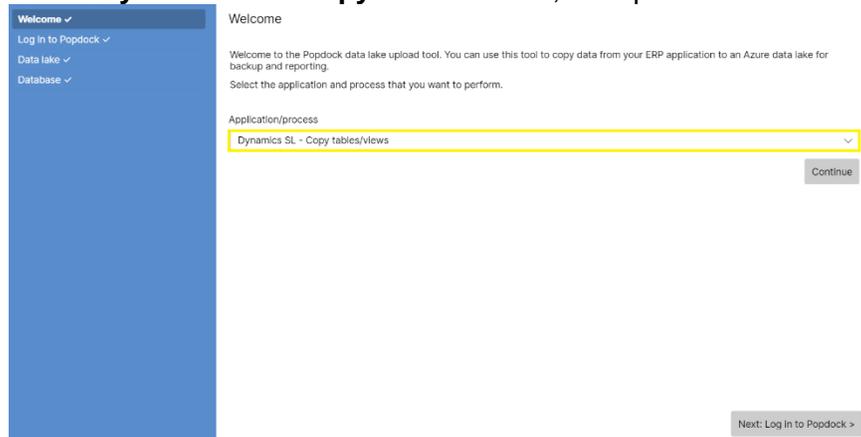
When porting your legacy data, you will migrate both the Quick Queries and the tables and views on your Dynamics SL servers. You uploaded the Quick Queries in the previous section, now the tables and views will be selected for migration.

5.1 Welcome Page

5.1.1 Select the dropdown arrow to view the **Application/Process** options.



5.1.2 Select **Dynamics SL- Copy tables/views**, then press **Continue**.



5.2 Log in to your Popdock account

The **Log in to Popdock** screen will display the Popdock username, password, and account information you logged in with previously. You have two options at this screen, update your Popdock credentials or use the same authenticated credentials by selecting the **Next: Edit data lake settings** button.

- 5.2.1 To make changes to your Popdock **Username** and **Password**, re-enter your credentials, then select **Log in**.

If you want to use the same credentials, then select the **Log in** button to continue.

Popdock - Data lake upload tool

Welcome ✓

Log in to Popdock

Log in to your Popdock account

Enter your Popdock user name and password and click Log in.

Username
EnterYourUserName

Password

Account
eOne Solutions

Clear Log in

Next: Edit data lake settings >

5.3 Connect to your Azure data lake

The **Data Lake** screen will display the Azure Data Lake information you logged in with previously. At this screen, you can update your data lake information, or use the same information, then select the **Connect** button.

- 5.3.1 To update your data lake connector settings, enter the updated storage account, container or shared key, then select the **Connect** button to re-validate.

To use the same information, simply select the **Connect** button.

Popdock - Data lake upload tool

Welcome ✓

Log in to Popdock ✓

Data lake

Database ✓

Connect to your Azure data lake

Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account.

Data lake connector
Azure Data Lake

Storage account
YourAzureStorage

Table container
YourAzureContainer

Shared key

Connect

< Previous: Popdock login

Next: Edit database settings >

5.4 Connect to your database

The **Database** screen will display the Dynamics SL database information you logged in with previously. At this screen, you can update your DB server and/or login information, or you can use the same authenticated information by selecting the **Next: Select databases** button.

- 5.4.1 To update your database server information, make changes to your settings then select the **Connect** button to re-validate.

Welcome ✓
Log In to Popdock ✓
Data lake ✓
Database ✓

Connect to your database

Enter the credentials for your Dynamics SL database.

Server
eonesba.eonesolutions.com

Port
1433

System database
slidemcosystem

Username
sa

Password

Connect

< Previous: Edit data lake settings

Next: Select companies >

- 5.4.2 To continue with the same database information, select the **Connect** button to re-validate and move to the next screen.

Welcome ✓
Log In to Popdock ✓
Data lake ✓
Database ✓

Connect to your database

Enter the credentials for your Dynamics SL database.

Server
eonesba.eonesolutions.com

Port
1433

System database
slidemcosystem

Username
sa

Password

Connect

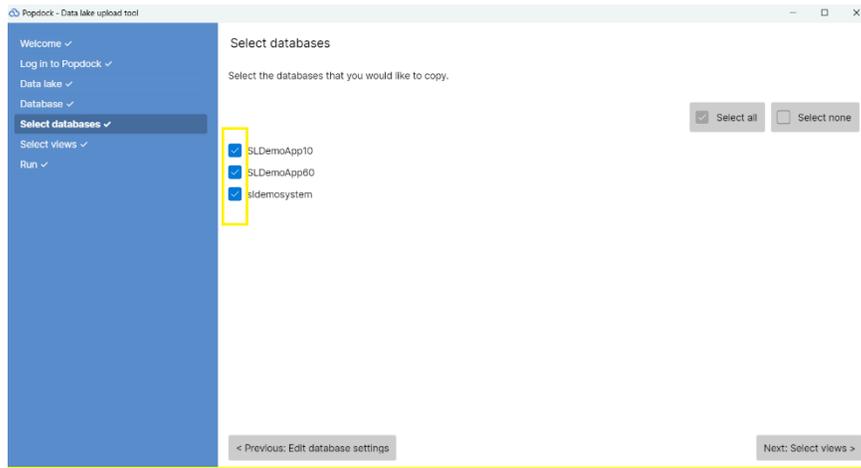
< Previous: Edit data lake settings

Next: Select companies >

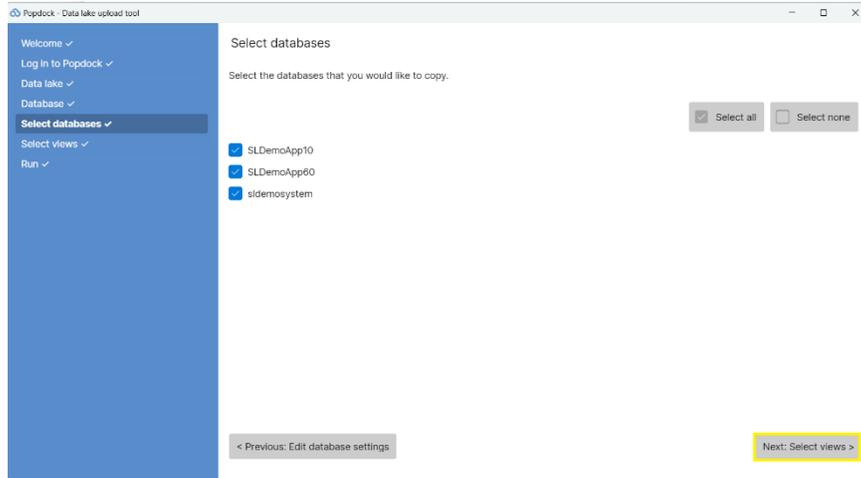
5.5 Select Databases

The **Select Databases** screen displays the available company databases to choose from. You will select the databases here, and in the next screen, you will be able to choose which views to download.

- 5.5.1 Choose the **Databases** by selecting the square to the left of the database name.



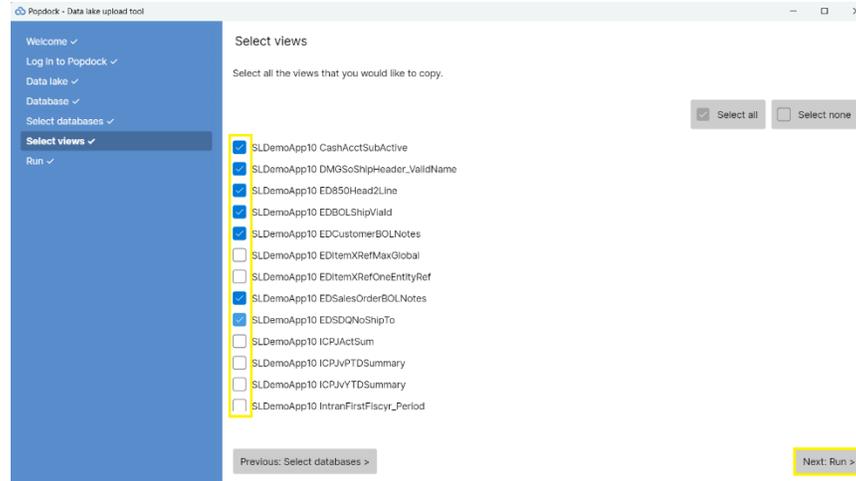
5.5.2 Select the box next to the companies you want to copy, then the **Next: Select Views** button.



5.6 Select Views

At the **Select views** page, you will choose the views you want to copy from the selected companies.

5.6.1 Choose the **Views** you would like to upload, by selecting the box next to each view.



NOTE: When selecting views, only choose the ones you use frequently.

5.6.2 Select the **Next: Run** button.

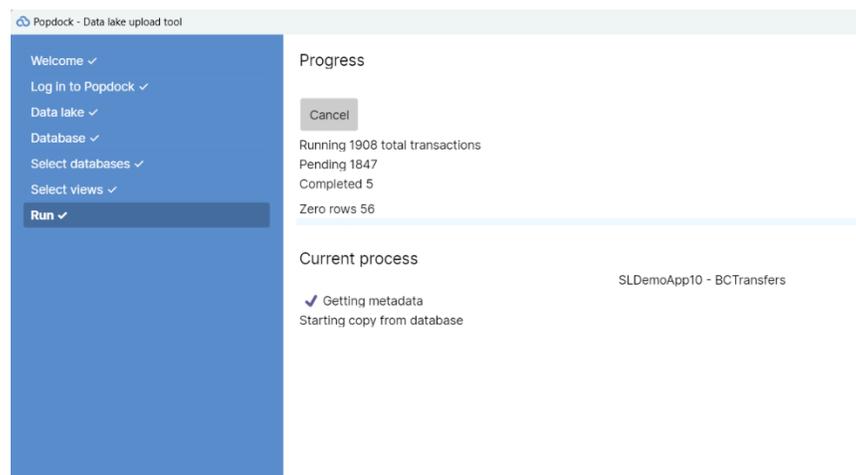
5.7 Run

The Data Lake Upload Tool will start the import process again.

Below are the options available on the Run page:

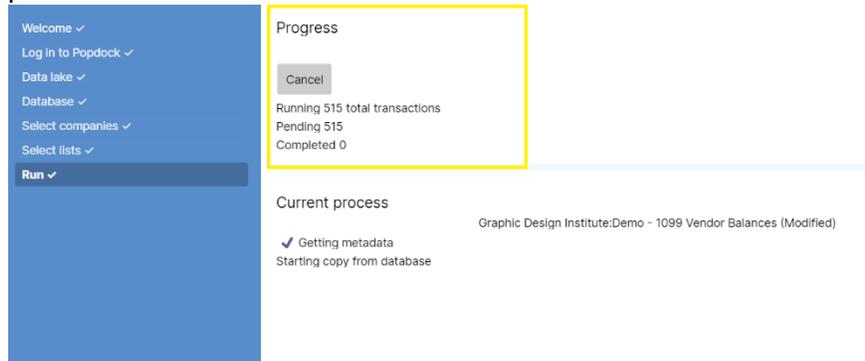
5.7.1 *Cancel the download*

Select the **Cancel** button to stop the upload and make changes to the settings in the upload tool, i.e., Data Lake, Database, etc.



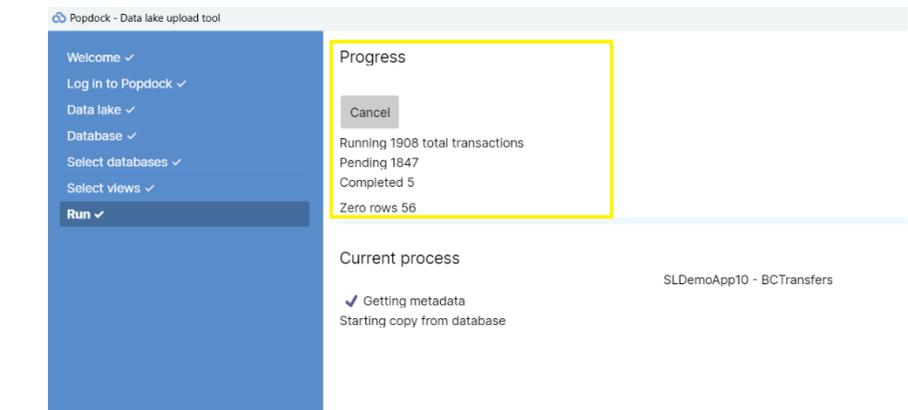
5.7.2 Track upload progress

5.7.2.1 The **Progress** section shows the overall status of the upload process.

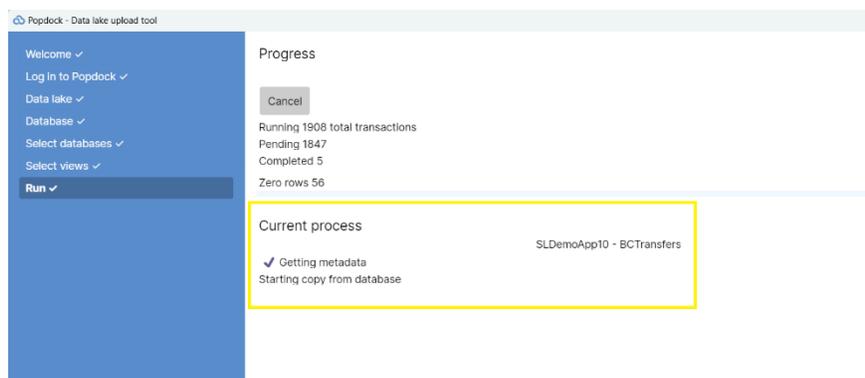


You can view the statuses below in the Progress section:

- “**Running**” is the total number to upload.
- “**Pending**” is the remaining number to upload.
- “**Completed**” is the number that uploaded successfully.
- “**Failed**” is the number that failed to upload due to an error.
- “**Zero rows**” is the number that were not uploaded due to having zero rows of data.



5.7.2.2 The **Current process** section displays the ongoing tasks the upload tool is performing and their status.



5.7.3 The **Report** screen will appear at the end of the upload.

You can view the statuses below in the Progress section:

- “**Success**” means the upload was successful.

- **“Failed”** means the upload failed due to an error.
- **“Skipped”** means the upload was skipped due to zero rows of data.
- **“Cancelled”** means the upload was cancelled.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake ✓
Database ✓
Select databases ✓
Select views ✓
Run ✓
Report

Run again View data files View logs Re-run selected failures

Company	Name	Records	Bytes	Status	Retry
SLDemoApp10	Account	338	81.93KB	Success ✓	
SLDemoApp10	AcctClass	11	3.31KB	Success ✓	
SLDemoApp10	AcctHist	0	0B	Skipped ▲	<input type="checkbox"/>
SLDemoApp10	Address	0	0B	Skipped ▲	<input type="checkbox"/>
SLDemoApp10	AllocDest	0	0B	Skipped ▲	<input type="checkbox"/>
SLDemoApp10	AllocGrp	0	0B	Skipped ▲	<input type="checkbox"/>
SLDemoApp10	AllocSrc	0	0B	Skipped ▲	<input type="checkbox"/>
SLDemoApp10	ANSetup	0	0B	Skipped ▲	<input type="checkbox"/>
SLDemoApp10	AP_Balances	0	0B	Skipped ▲	<input type="checkbox"/>
SLDemoApp10	AP_PPApplic	0	0B	Skipped ▲	<input type="checkbox"/>
SLDemoApp10	AP_PPApplicBat	0	0B	Skipped ▲	<input type="checkbox"/>
SLDemoApp10	AP_PPApplicDet	0	0B	Skipped ▲	<input type="checkbox"/>
SLDemoApp10	AP03615_Wrk	0	0B	Skipped ▲	<input type="checkbox"/>
SLDemoApp10	AP03625_Wrk	0	0B	Skipped ▲	<input type="checkbox"/>
SLDemoApp10	AP03630MC_Wrk	0	0B	Skipped ▲	<input type="checkbox"/>

5.7.4 Use the **Run again** button to execute the tool, without having to reenter login credentials.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake ✓
Database ✓
Select databases ✓
Select views ✓
Run ✓
Report

Run again View data files View logs Re-run selected failures

Company	Name	Records	Bytes	Status	Retry
SLDemoApp10	Account	338	81.93KB	Success ✓	
SLDemoApp10	AcctClass	11	3.31KB	Success ✓	
SLDemoApp10	AcctHist	0	0B	Skipped ▲	<input type="checkbox"/>
SLDemoApp10	Address	0	0B	Skipped ▲	<input type="checkbox"/>
SLDemoApp10	AllocDest	0	0B	Skipped ▲	<input type="checkbox"/>
SLDemoApp10	AllocGrp	0	0B	Skipped ▲	<input type="checkbox"/>
SLDemoApp10	AllocSrc	0	0B	Skipped ▲	<input type="checkbox"/>
SLDemoApp10	ANSetup	0	0B	Skipped ▲	<input type="checkbox"/>
SLDemoApp10	AP_Balances	0	0B	Skipped ▲	<input type="checkbox"/>
SLDemoApp10	AP_PPApplic	0	0B	Skipped ▲	<input type="checkbox"/>
SLDemoApp10	AP_PPApplicBat	0	0B	Skipped ▲	<input type="checkbox"/>
SLDemoApp10	AP_PPApplicDet	0	0B	Skipped ▲	<input type="checkbox"/>
SLDemoApp10	AP03615_Wrk	0	0B	Skipped ▲	<input type="checkbox"/>
SLDemoApp10	AP03625_Wrk	0	0B	Skipped ▲	<input type="checkbox"/>
SLDemoApp10	AP03630MC_Wrk	0	0B	Skipped ▲	<input type="checkbox"/>

5.7.5 Select the **View logs** button to access more detailed information about the upload or to investigate any copy failures.

5.7.6 The **View logs** button will open the folder containing the log files. You can open the log files in a text editor to view detailed information on failures. You can use the log files to fix the upload errors or send them to support@eonesolutions.com for additional support.

```

12/5/2022 8:59:24 AM ERROR GPTWO slb-5 Invalid column name 'VACAPRYR / 100.00'.
Invalid column name 'VACAVBL / 100.00'.
select * from (select * as 'EmployeeID', [I].[EMPLOYEEID] as 'EmployeeID', [I].[INACTIVE] as 'Inactive', [I].[LASTNAME] as 'Last Name', [I].[FIRSTNAME] as
'First Name', [I].[MIDDLENAME] as 'Middle Name', [I].[ADDRESS1] as 'Address_1', [I].[ADDRESS2] as 'Address_2', [I].[ADDRESS3] as 'Address_3', [I].[CITY] as
'City', [I].[STATE] as 'State', [I].[COUNTRY] as 'Country', [I].[ZIPCODE] as 'Zip Code', [I].[SOCSECNUM] as 'Social Security Number', [I].[BIRTHDATE] as
'Birth Date', [I].[GENDER] as 'Gender', [I].[ETHNORGN] as 'Ethnic Origin', [I].[CALC_MIN_WAGE_BAL] as 'Calc_Min_Wage_Bal', [I].[DEPTMNT] as 'Department',
[I].[JOBTITLE] as 'Job Title', [I].[MKTFFAV] as 'Mkt_Cash_Account_For_Pay', isnull(select top 1 str(INACTIVE) from GLOU05 where ACTIVEX = ACTIVEX, '') as
'Account Number', [I].[WKRFRYR] as 'Work_Hours_Per_Year', [I].[STARTDATE] as 'Start Date', [I].[DEMPINAC] as 'Date_Employee_Inactivated', [I].[RENEMF] as
'Reason_Employee_Inactivated', [I].[MINETPAY] as 'Minimum_Net_Pay', [I].[SUTASTAT] as 'Suta_State', [I].[WKRRCOMP] as 'Workers_Comp', [I].[ATACRVAC] as
'Auto_Accrue_Vacation', [I].[VACCRAMT] as 'Vacation_Accrual_Amount', [I].[VACCRMTH] as 'Vacation_Accrual_Method', [I].[VACAPRYR / 100.00] as
'Vacation_Hours_Per_Year', [I].[VACAVBL / 100.00] as 'Vacation_Available', [I].[ATACRSTM] as 'Auto_Accrue_Sick_Time', [I].[STWACRNM] as
'Sick_Time_Accrual_Method', [I].[STWACRAM] as 'Sick_Time_Accrual_Amount', [I].[SRTMNAV] as 'Sick_Time_Available', [I].[SRTMFRYR] as
'Sick_Time_Hours_Per_Year', [I].[USERDEF1] as 'User_Defined_1', [I].[USERDEF2] as 'User_Defined_2', [I].[NOTEINX] as 'Note_Index', [I].[EXMPFRFD] as
'Exempt_From_Federal', [I].[FDFLGSTS] as 'Federal_Filing_Status', [I].[FEDEXMPT] as 'Federal_Exemptions', [I].[ADFWHDD] as 'Additional_Federal_Withholding',
[I].[ESTFEDWH] as 'Estimated_Federal_Withholding', [I].[STATDCD] as 'State_Code', [I].[LOCALTAX] as 'Local_Tax', [I].[W2B942E] as 'W2_Box_For_942_Employee',
[I].[W2B942C] as 'W2_Box_For_Deceased', [I].[W2B942D] as 'W2_Box_For_Deferred_Compensation', [I].[W2B942F] as 'W2_Box_For_Leal_Representative',
[I].[W2B942G] as 'W2_Box_For_Retirement_Plan', [I].[W2B942H] as 'W2_Box_For_Statutory_Employee', [I].[MDCRCHMP] as 'Medicare_Qualified_Gov_Employee',
[I].[EICFLGST] as 'EIC_Filing_Status', [I].[NYTXDIF] as 'Withhold_NY_Tax_Diff', [I].[ADRSODE] as 'Address_Code', [I].[ALTRNATE] as 'Alternate_Name',
[I].[BENADJDATE] as 'Ben_Adj_Date', [I].[BENEFITEXPIRE] as 'Benefit_Expire', [I].[BIRTHDAY] as 'Birth_Day', [I].[BIRTHMONTH] as 'Birth_Month',
[I].[CHANGEBY_1] as 'Change_By', [I].[CHANGEDATE_1] as 'Change_Date', [I].[CITIZEN] as 'Citizen', [I].[DATEOFLASTREVIEW] as 'Date_of_Last_Review',
[I].[DATEOFLASTREVIEW_2] as 'Date_of_Next_Review', [I].[DISABLEDVETERN] as 'Disabled_Veteran', [I].[DIVISIONCODE] as 'Division_Code', [I].[FEDCLSCD] as
'Federal_Classification_Code', [I].[HANDICAPPED] as 'Handicapped', [I].[HRSTATUS] as 'HR_Status', [I].[SRENEW] as 'Srenew', [I].[LASTDAYWORKED_1] as
'Last_Day_Worked', [I].[LOCATNID] as 'Location_ID', [I].[MARITALSTATUS] as 'Marital_Status', [I].[NICKNAME] as 'Nickname', [I].[NOTEINX2] as 'Note_Index2',
[I].[Primary_Pay_Record] as 'Primary_Pay_Record', [I].[RATECLASS] as 'Rate_Class', [I].[SMOKER_1] as 'Smoker', [I].[SPOUSE] as 'Spouse', [I].[SPOBRESN] as
'Spouse_ESN', [I].[SUPERVISORCODE_1] as 'Supervisor_Code', [I].[EMPLOYMENTTYPE] as 'Type_of_Employment', [I].[UNIONCD] as 'Union_Code', [I].[UNIONEMPLOYEE] as
'Union_Employee', [I].[VERIFIED] as 'Verified', [I].[VETERAN] as 'Veteran', [I].[VIETNAMVETERN] as 'Vietnam_Veteran', [I].[WARRVETERN] as
'Warn_Sick_Time_Falls_Below_Zero', [I].[WNVNCFLSRLWZ] as 'Warn_Vacation_Falls_Below_Zero', [I].[COUNTY] as 'County', [I].[PHONE1] as 'Phone_1', [I].[PHONE2]
as 'Phone_2', [I].[PHONE3] as 'Phone_3', [I].[FAX] as 'Fax', [I].[Foreign_Address] as 'Foreign_Address', [I].[Foreign_StateProvince] as
'Foreign_State_Province', [I].[Foreign_Postal_Code] as 'Foreign_Postal_Code', [I].[CCODE] as 'Country_Code', [I].[OTHERVETERN] as 'Other_Veterans', [I].[aaNode]
as 'Node', FIRSTNAME = ' ' & LASTNAME = ' ' as 'Full_Name', 'Fabrikam, Inc.' as 'GPTWO' as 'Popdock_Single_Quotes', 'Fabrikam, Inc.' as 'GPTWO' as
'Popdock_Double_Quotes' from (select * from slbEmployee with (NOLOCK)) as T1 left join (select AAG00601.aaNode, AAG00800V.aaMasterID from AAG00601 inner join
AAG00601 on AAG00602.aaNodeID = AAG00601.aaNodeID and AAG00602.aaTreeID = AAG00601.aaTreeID inner join AAG00600 on AAG00600.aaTreeID = AAG00601.aaTreeID inner
join AAG00800V on AAG00800V.aaMasterID = AAG00602.aaMasterID and AAG00600.aaLinkType = AAG00800V.aaLinkType where AAG00600.aaLinkType = 3) as T2 on T2.aaMasterID =
T1.EMPLOYEEID

```

5.7.7 After fixing the errors in the log file, you can use the **Re-run selected failures** button to retry copying the uploads with a failed status.

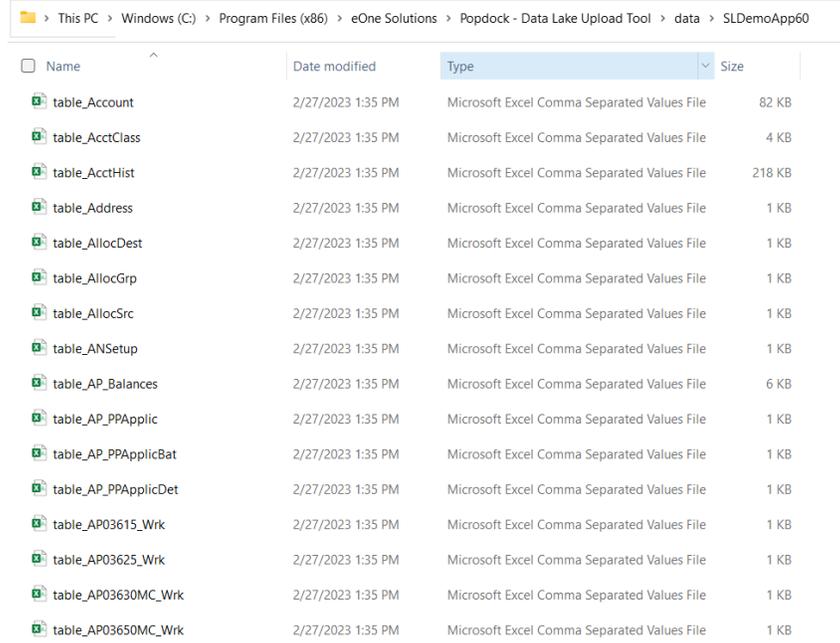
Company	Name	Records	Bytes	Status	Retry
SLDemoApp10	Account	338	81.93KB	Success	✓
SLDemoApp10	AcctClass	11	3.31KB	Success	✓
SLDemoApp10	AcctHist	0	0B	Skipped	▲
SLDemoApp10	Address	0	0B	Skipped	▲
SLDemoApp10	AllocDest	0	0B	Skipped	▲
SLDemoApp10	AllocGrp	0	0B	Skipped	▲
SLDemoApp10	AllocSrc	0	0B	Skipped	▲
SLDemoApp10	ANSetup	0	0B	Skipped	▲
SLDemoApp10	AP_Balances	0	0B	Skipped	▲
SLDemoApp10	AP_PPApplic	0	0B	Skipped	▲
SLDemoApp10	AP_PPApplicBat	0	0B	Skipped	▲
SLDemoApp10	AP_PPApplicDet	0	0B	Skipped	▲
SLDemoApp10	AP03615_Wrk	0	0B	Skipped	▲
SLDemoApp10	AP03625_Wrk	0	0B	Skipped	▲
SLDemoApp10	AP03630MC_Wrk	0	0B	Skipped	▲

NOTE: If you have a disruption in network access that stops the upload, you can use the **Re-run selected failures** button to re-run the process.

5.7.8 The **View data files** button displays the location of the csv files copied locally by the upload tool.

Company	Name	Records	Bytes	Status	Retry
SLDemoApp10	Account	338	81.93KB	Success	✓
SLDemoApp10	AcctClass	11	3.31KB	Success	✓
SLDemoApp10	AcctHist	0	0B	Skipped	▲
SLDemoApp10	Address	0	0B	Skipped	▲
SLDemoApp10	AllocDest	0	0B	Skipped	▲
SLDemoApp10	AllocGrp	0	0B	Skipped	▲
SLDemoApp10	AllocSrc	0	0B	Skipped	▲
SLDemoApp10	ANSetup	0	0B	Skipped	▲
SLDemoApp10	AP_Balances	0	0B	Skipped	▲
SLDemoApp10	AP_PPApplic	0	0B	Skipped	▲
SLDemoApp10	AP_PPApplicBat	0	0B	Skipped	▲
SLDemoApp10	AP_PPApplicDet	0	0B	Skipped	▲
SLDemoApp10	AP03615_Wrk	0	0B	Skipped	▲
SLDemoApp10	AP03625_Wrk	0	0B	Skipped	▲
SLDemoApp10	AP03630MC_Wrk	0	0B	Skipped	▲

5.7.9 Select the **View Data Files** button, to open the folder where the csv files are stored.



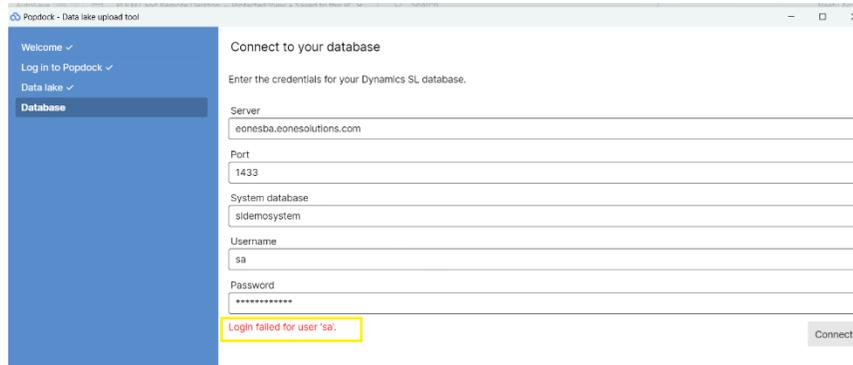
The screenshot shows a Windows File Explorer window with the address bar displaying the path: This PC > Windows (C:) > Program Files (x86) > eOne Solutions > Popdock - Data Lake Upload Tool > data > SLDemoApp60. The main area shows a list of files with columns for Name, Date modified, Type, and Size. All files are Microsoft Excel Comma Separated Values Files, and all were last modified on 2/27/2023 at 1:35 PM.

Name	Date modified	Type	Size
table_Account	2/27/2023 1:35 PM	Microsoft Excel Comma Separated Values File	82 KB
table_AcctClass	2/27/2023 1:35 PM	Microsoft Excel Comma Separated Values File	4 KB
table_AcctHist	2/27/2023 1:35 PM	Microsoft Excel Comma Separated Values File	218 KB
table_Address	2/27/2023 1:35 PM	Microsoft Excel Comma Separated Values File	1 KB
table_AllocDest	2/27/2023 1:35 PM	Microsoft Excel Comma Separated Values File	1 KB
table_AllocGrp	2/27/2023 1:35 PM	Microsoft Excel Comma Separated Values File	1 KB
table_AllocSrc	2/27/2023 1:35 PM	Microsoft Excel Comma Separated Values File	1 KB
table_ANSetup	2/27/2023 1:35 PM	Microsoft Excel Comma Separated Values File	1 KB
table_AP_Balances	2/27/2023 1:35 PM	Microsoft Excel Comma Separated Values File	6 KB
table_AP_PPApplic	2/27/2023 1:35 PM	Microsoft Excel Comma Separated Values File	1 KB
table_AP_PPApplicBat	2/27/2023 1:35 PM	Microsoft Excel Comma Separated Values File	1 KB
table_AP_PPApplicDet	2/27/2023 1:35 PM	Microsoft Excel Comma Separated Values File	1 KB
table_AP03615_Wrk	2/27/2023 1:35 PM	Microsoft Excel Comma Separated Values File	1 KB
table_AP03625_Wrk	2/27/2023 1:35 PM	Microsoft Excel Comma Separated Values File	1 KB
table_AP03630MC_Wrk	2/27/2023 1:35 PM	Microsoft Excel Comma Separated Values File	1 KB
table_AP03650MC_Wrk	2/27/2023 1:35 PM	Microsoft Excel Comma Separated Values File	1 KB

5.7.10 These files can take up space on your computer, so you can either copy these files to another location or delete them from the computer.

6 Troubleshoot the tool

6.1 Database “Login Failed” Error

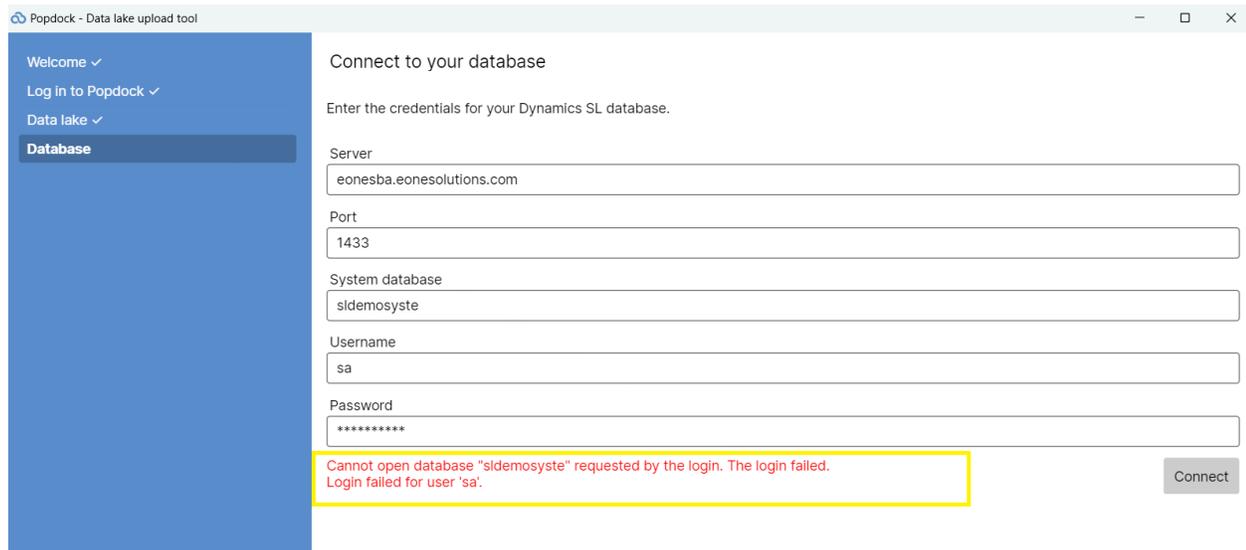


If you get the “**login failed for user**” error, check that your **username** and **password** are:

- Typed correctly
- SQL server login credentials
- Have access to the system database

NOTE: For further assistance with connecting to your database server, contact support@eonesolutions.com.

6.2 Database “Cannot open database” Error



The “cannot open database requested by the login” error will appear, if the computer running the data lake upload tool cannot connect to the system database.

In that case, you should:

- Make sure the server name is spelled correctly.
- Confirm that the server port entered matches the port on the SQL server.
- Check that the SQL server is up and running.

- Check that the system database name is entered correctly.

NOTE: *For further assistance with connecting to your database server, contact support@eonesolutions.com.*