# Case Study Quality Reporting

# Overview

A not for profit, rural, primary care network in Australia was required to report a list of 28 quality indicators determined by its state government, every 6 months, to qualify for government funding.

## Challenges



## Results

A report for submission was created in under 2 weeks of part-time work, as opposed to the original timeframe of 6 months full time work.

#### Benefits



Significant time

savings

2 weeks part-time vs 6 months full time



Reproducibility

Reusable workflows allow for quick and reproducible analytics

# evidentli



www.evidentli.com



Suite 516, 50 Holt Street, Surry Hills, NSW Australia



Expensive

A significant portion of funding was spent on reporting on quality indicators.



Time consuming

Preparing a submission takes 6 months and required a full time consultant dedicated to this task.



Not Reproducible

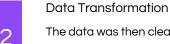
Data was manually collated and the knowledge of how to create reports and submit wasn't properly documented and stored.

# Approach

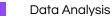


#### Data Ingestion

Using our technology, Piano, the data manager ingested the data in under three works of part-time work. Healthcare data ingestion using Piano is fast and mostly automated, and requires very little user intervention.



The data was then cleansed, aggregated and standardised into OMOP\* using our proprietary AI and ML algorithms. Medical concepts from source data are automatically mapped as opposed to current methods of manual mapping by a data scientist.



3

Analytic workflows were created for each of the 28 quality indicators (approximately 30 mins - 4 hours per indicator).

Daily and XML reports created using the platform's RESTful API