

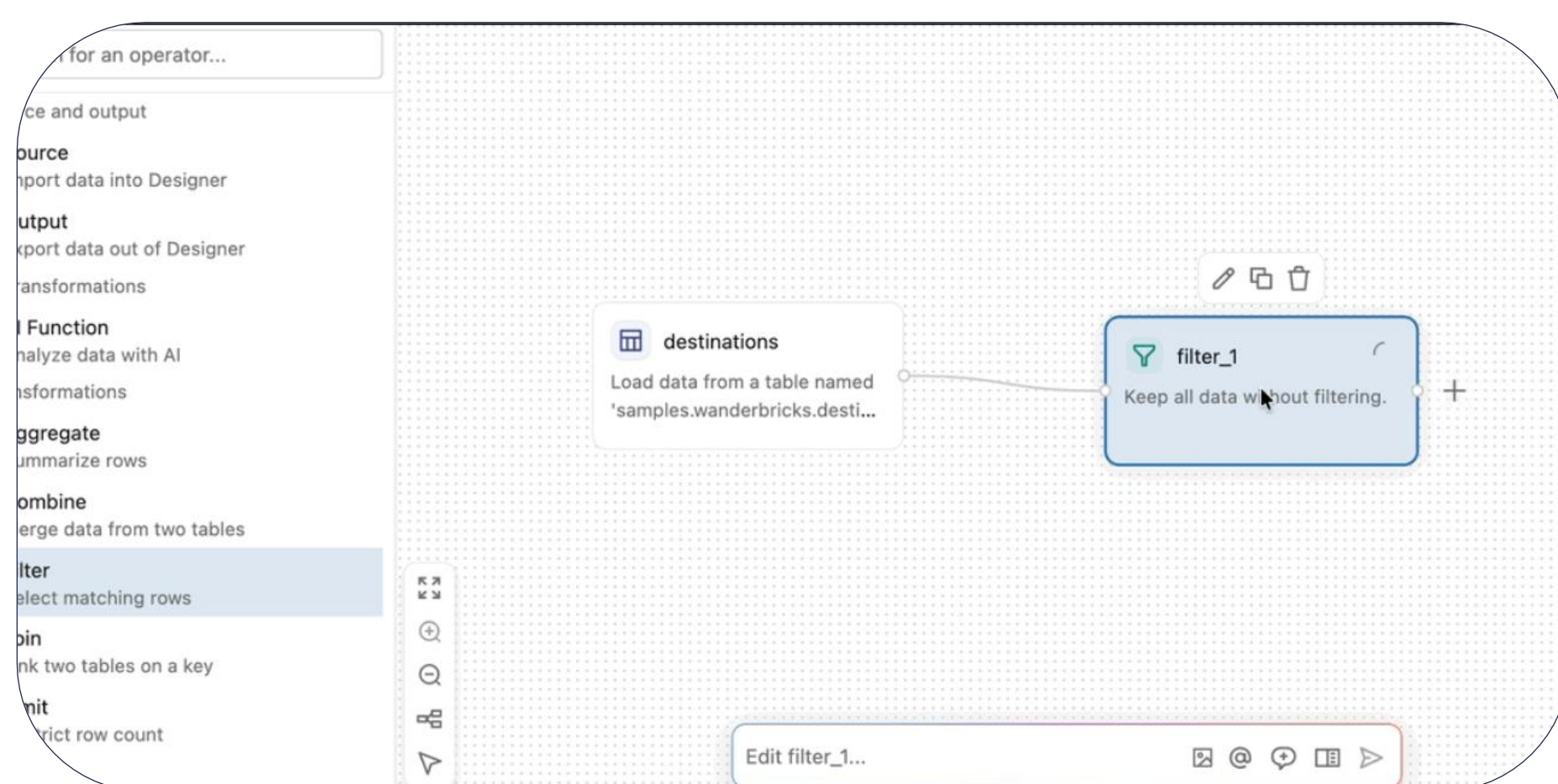
Get to know the Vanderbilt Health enterprise data platform

INTRO

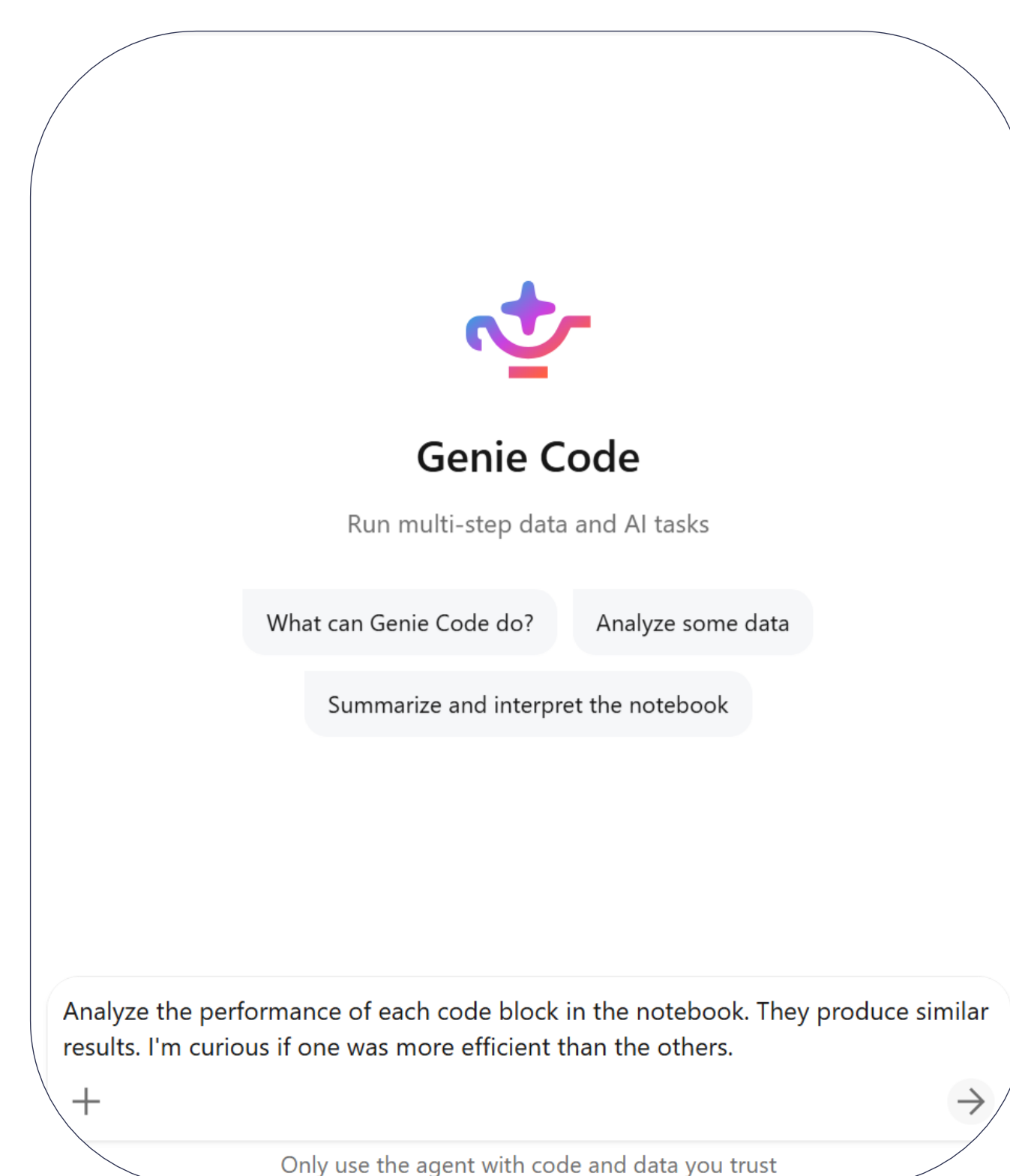
The Vanderbilt Health data lake and data models are accessible via Databricks, a data analytics, machine learning, AI, and business intelligence platform.

Platform tools assist with data curation

Visual Data Prep is a low-code option to create datasets via the UI.

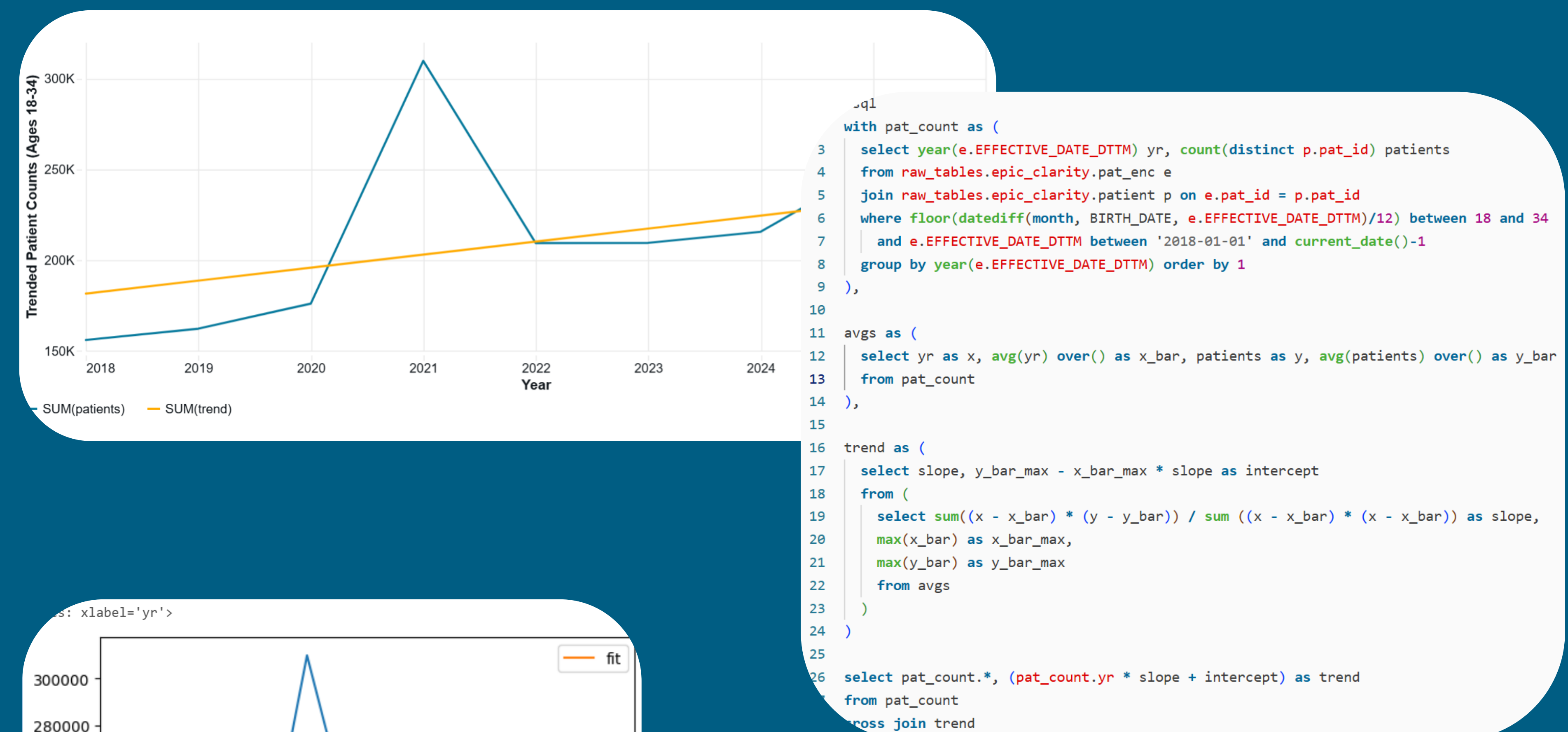


Genie Code is a Databricks native AI-powered coding and machine learning assistant.

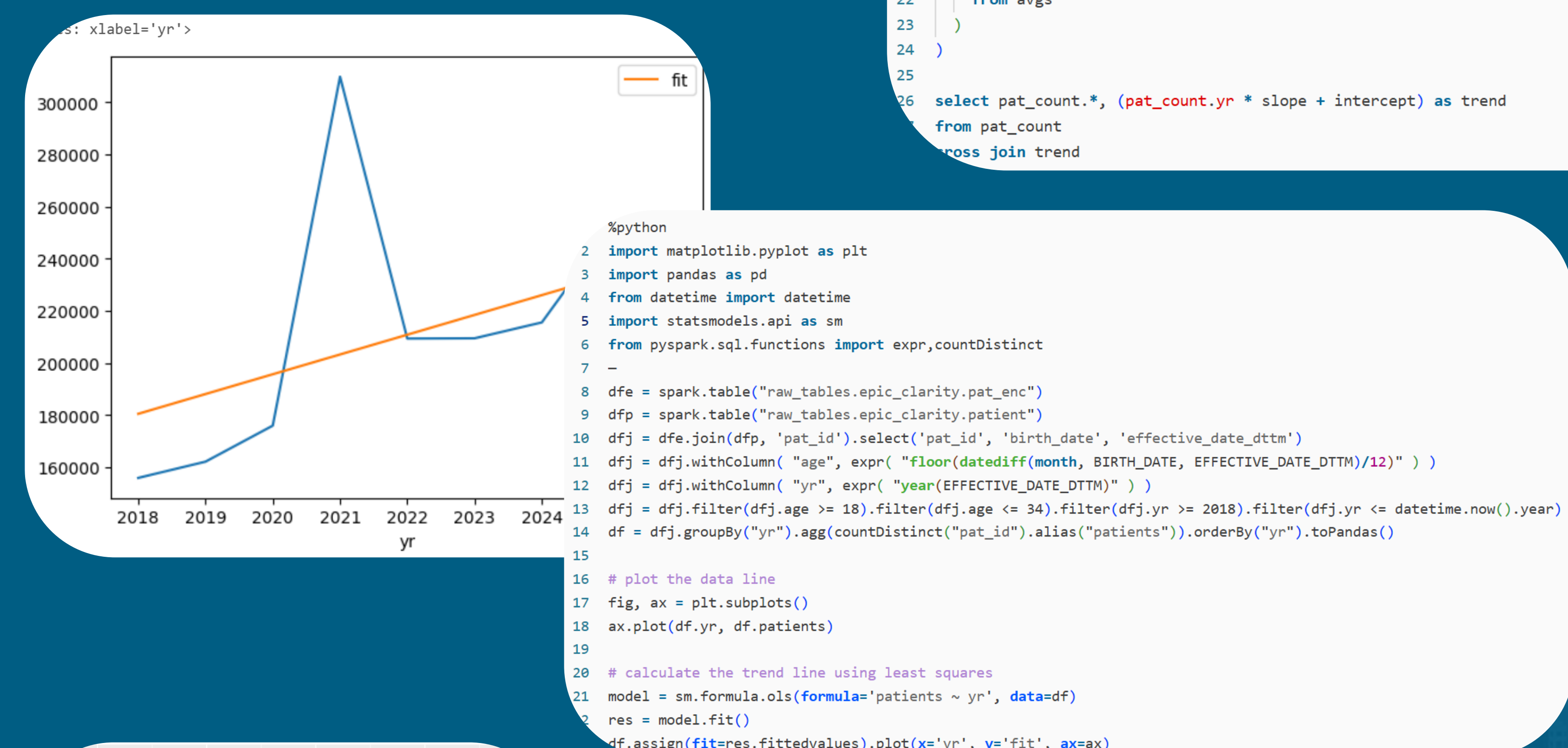


The **Databricks Platform** removes the skills barrier to data insight, letting every user work in the language and tools they already know

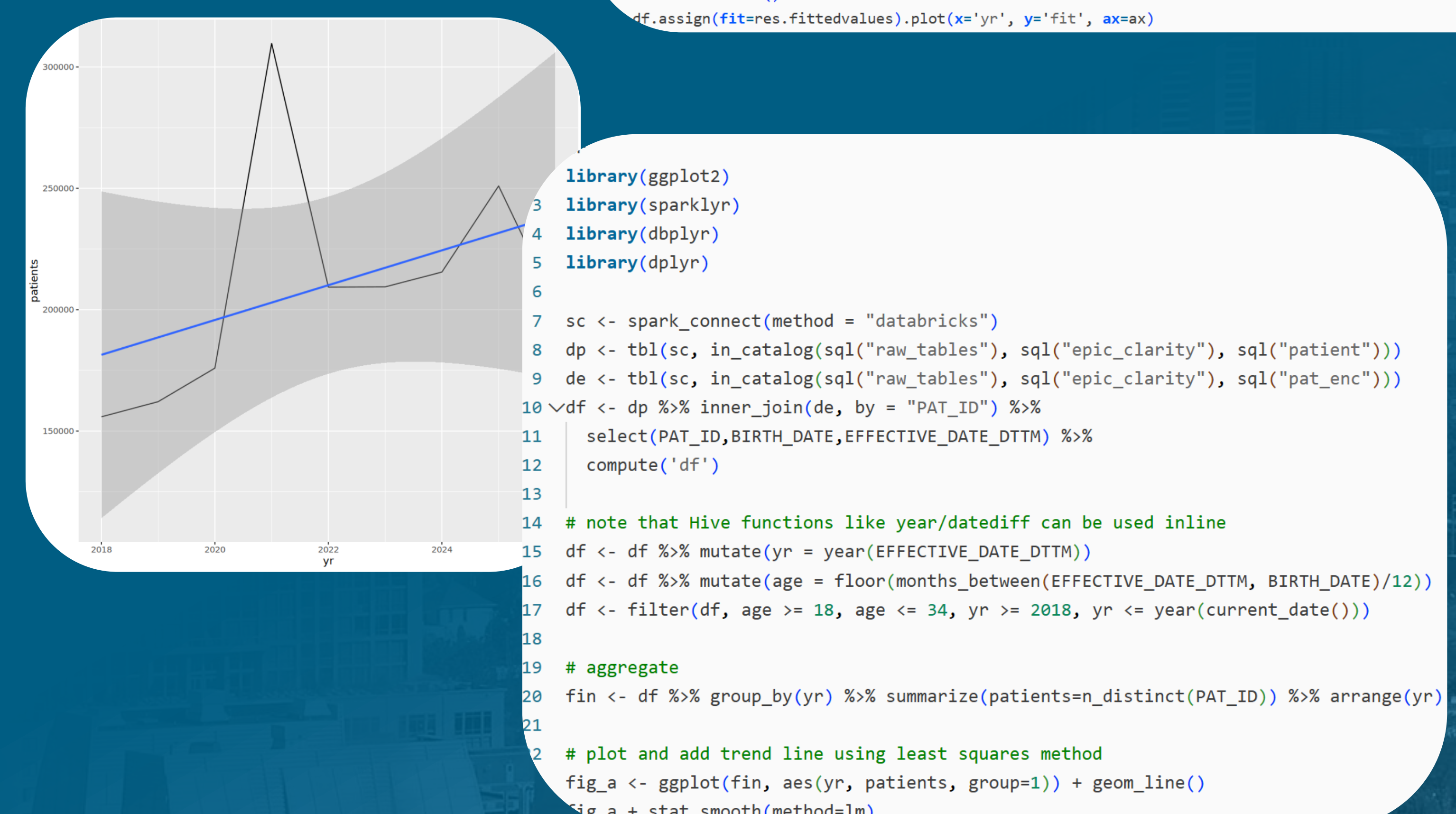
SQL



Python



R

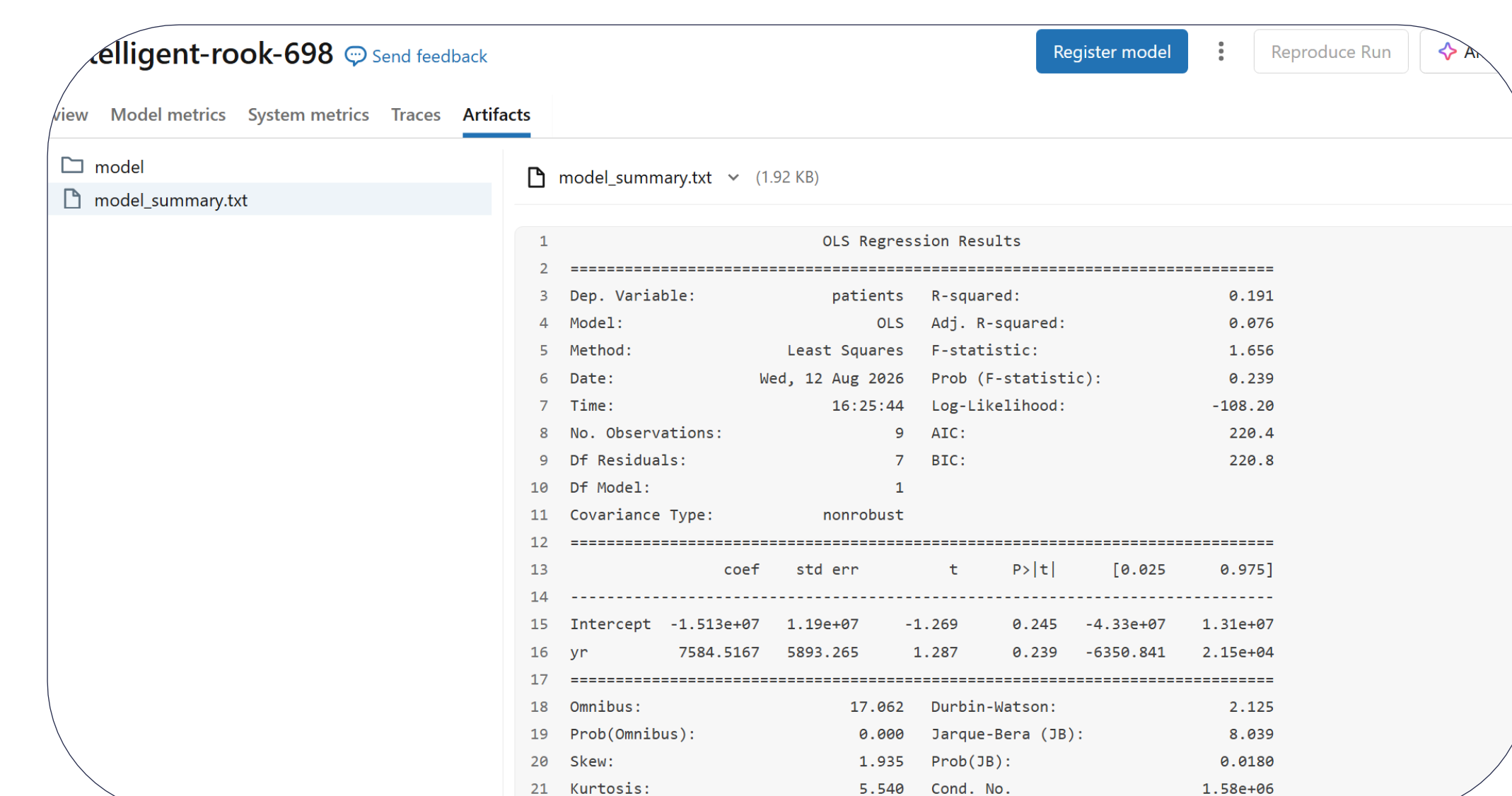


Data can be analyzed using various languages (SQL, Python, R, or Scala), MLFlow, or LLMs.

The images in the center demonstrate trending patient counts for patients who were between 18 and 34 at the time of their encounter using SQL, Python, and R to get similar results.

MLFlow

The Python script automatically initiated an MLFlow experiment.



Presenters:



Brandi Cherry
brandi.cherry@vumc.org



Robert McCartney
robert.b.mccartney@vumc.org

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