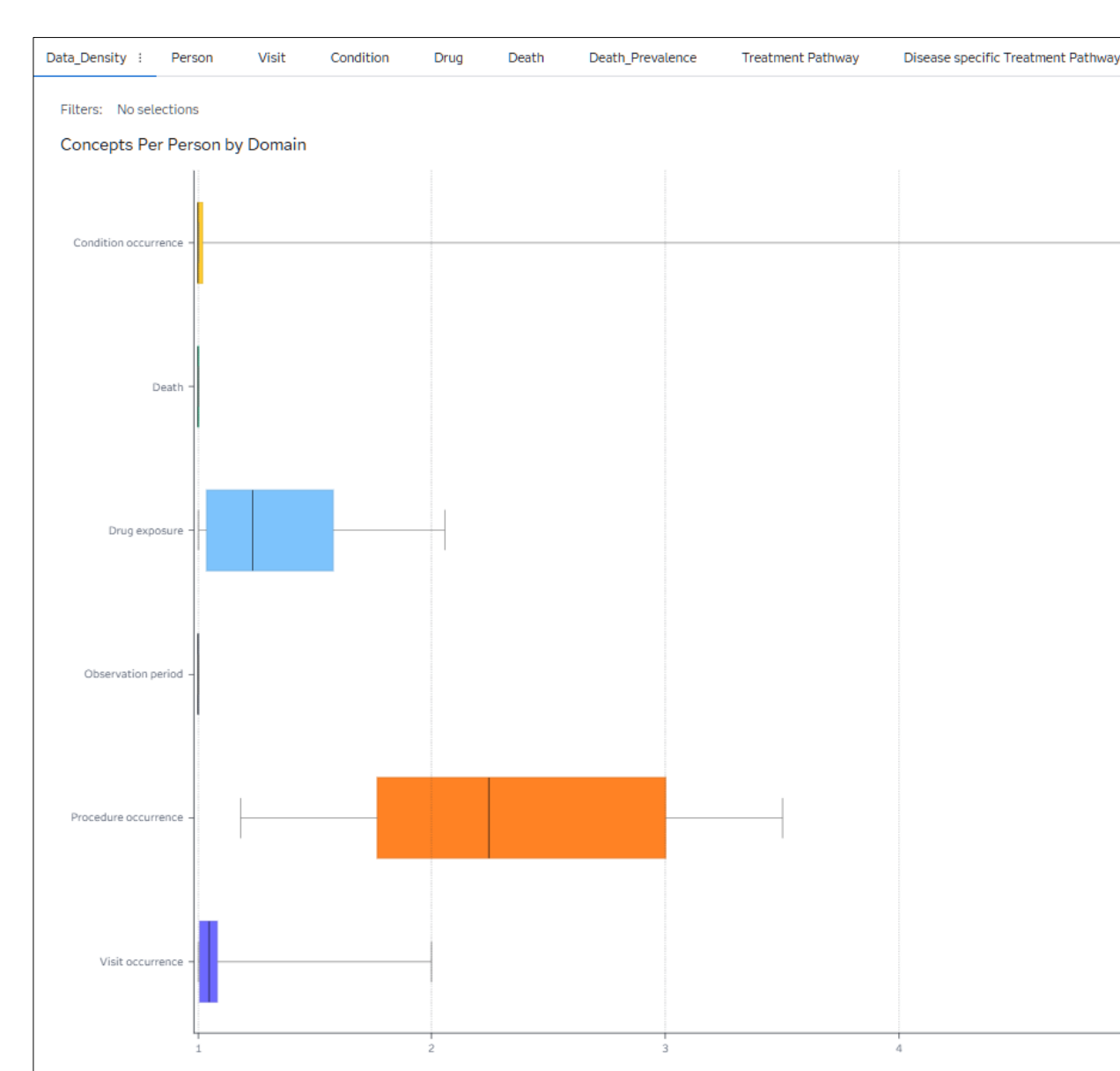


From OHDSI cohorts to **trustworthy, reproducible and reusable dashboards** for your enterprise

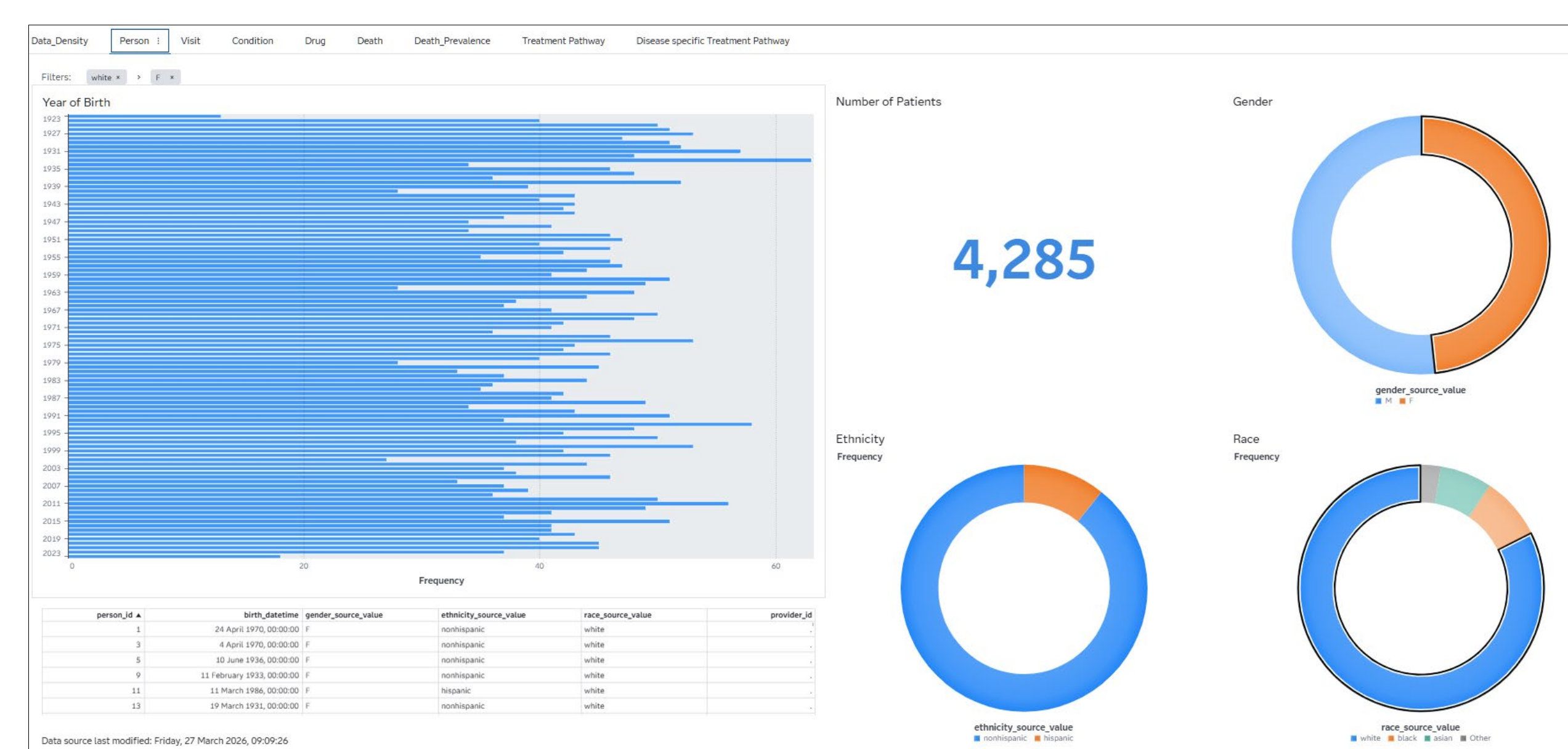
From Cohorts to Enterprise Study Results

Background: Regulated organisations need governed, auditable, versioned execution of analytic outputs. There is a need for governed infrastructure to scale and reuse this work across studies and stakeholders.

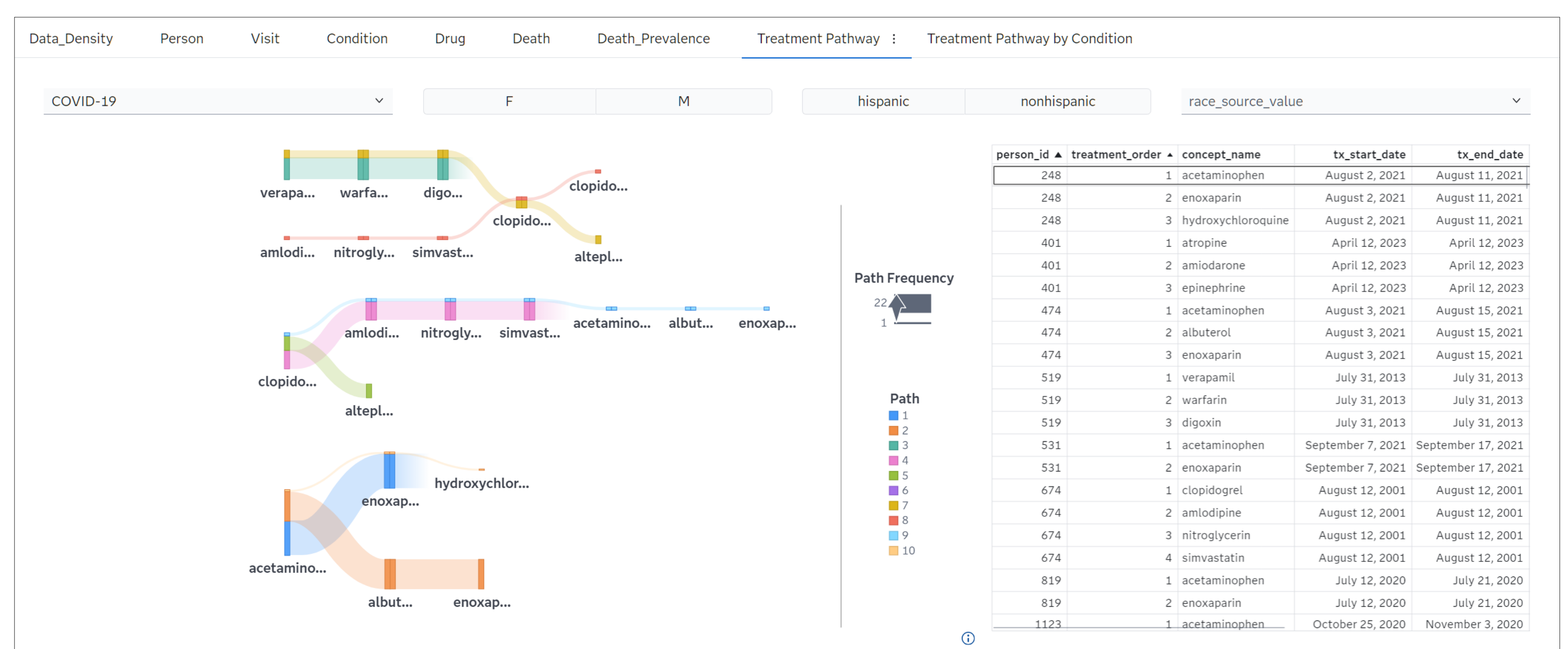
Method: This approach prioritises governance and compliance, which in practice means through the SAS® Viya platform. We execute ATLAS cohort definitions and derived results through governed workflows, producing versioned datasets with full lineage to the underlying logic. This enables consistent reuse across analyses and integration with broader enterprise analytics. Here we focus on the interactive dashboards. Execution within SAS® Viya's governed AI platform means these outputs can serve as versioned inputs to automated decisioning, model management and generative AI capabilities as they evolve. Analytics can be efficiently scaled to large volumes of data.



Data Density Report

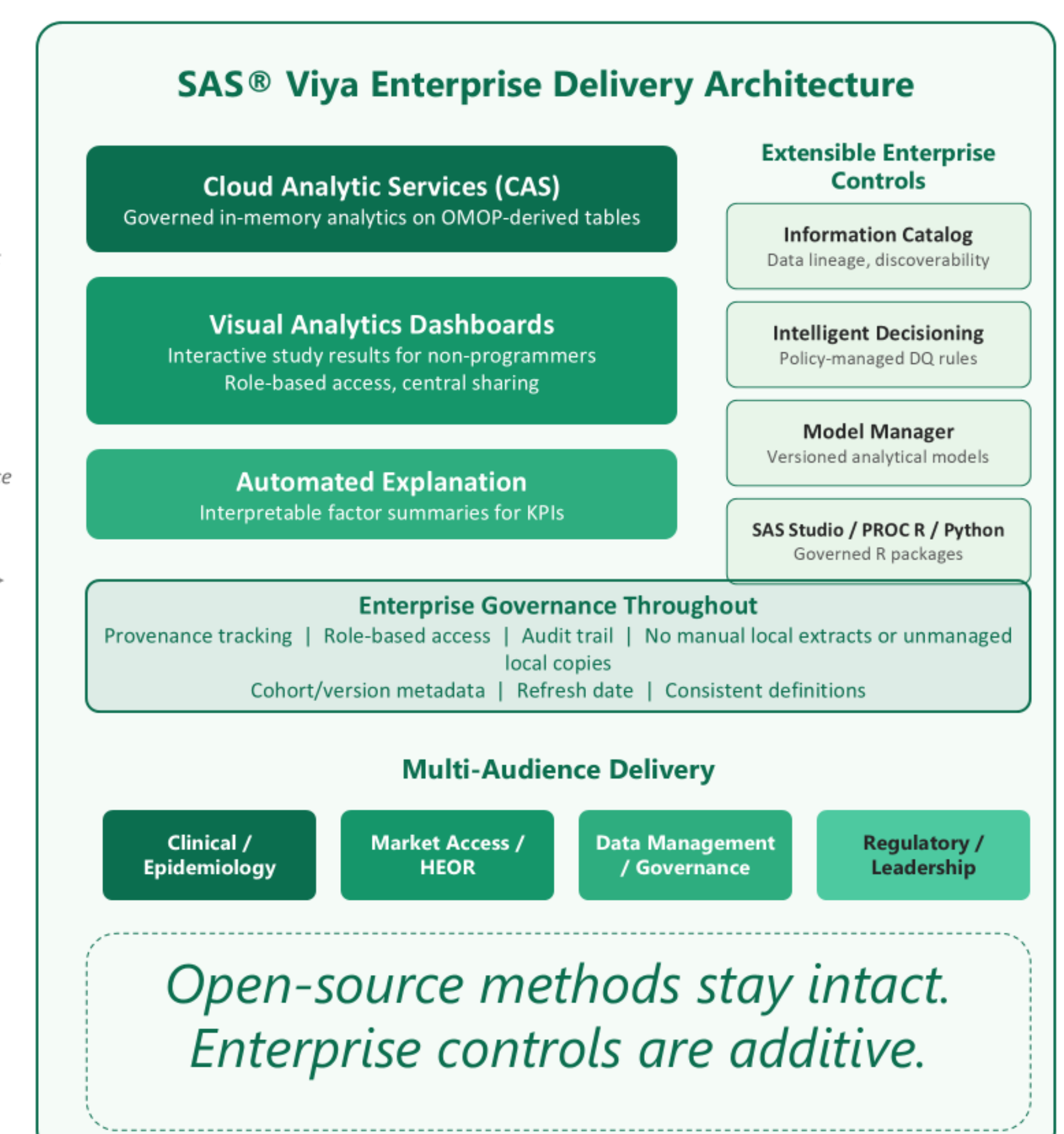
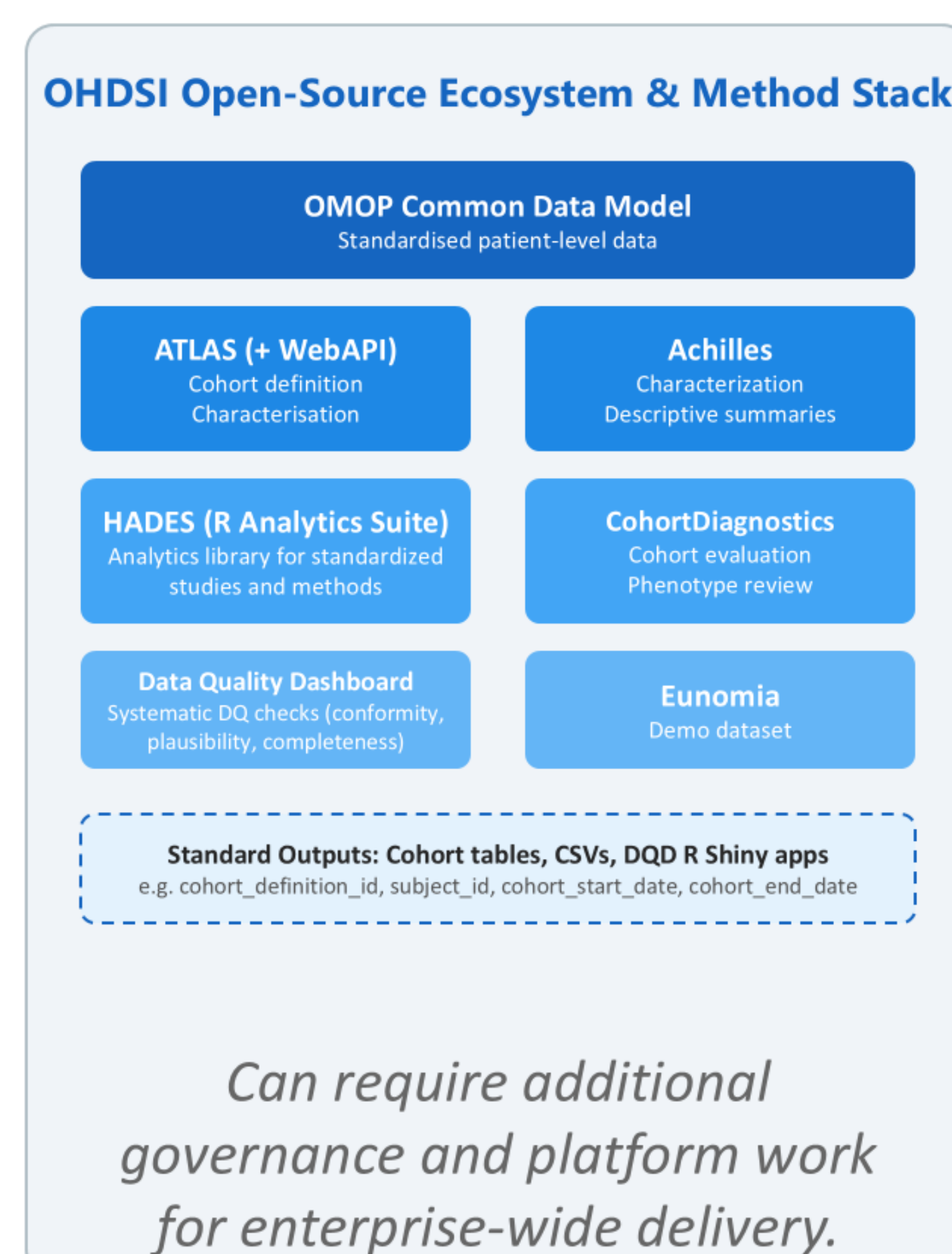


Person Table – Demographics Distribution



Treatment Pathway Analysis filtered for a specific Condition

What users can do: Within the SAS® Viya Visual Analytics layer, users can explore OMOP CDM outputs such as counts and pathway summaries in interactive reports with filters, click-through and automated explanation. Users can adjust inclusion/exclusion criteria and trace back to governed cohort/results tables. R code can be embedded via PROC R with standardized package versions for reproducibility and native rendering of R graphics within SAS® Studio.



Future Developments: Integration of OHDSI DQD metrics and extending agent-based automation (currently in progress for raw-to-OMOP transformation). Orchestration of end-to-end workflows from cohort execution through quality checks to report generation. Development of curated, drug-specific evidence bases for Clinical, HEOR, Medical Affairs and Regulatory stakeholders.



Try it out: Take a picture to interact with the dashboard *(landscape mode works better on mobile)*

Lisa Murch, William Kuan | SAS Institute
lisa.murch@sas.com | william.kuan@sas.com

