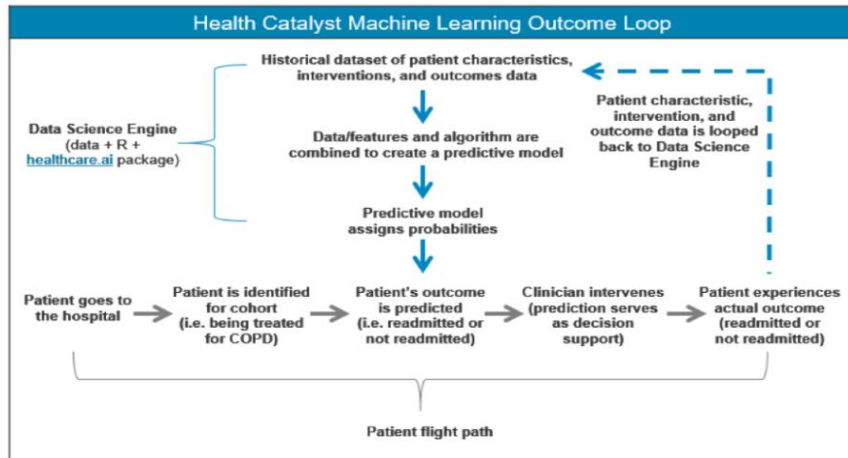


Data Quality Check

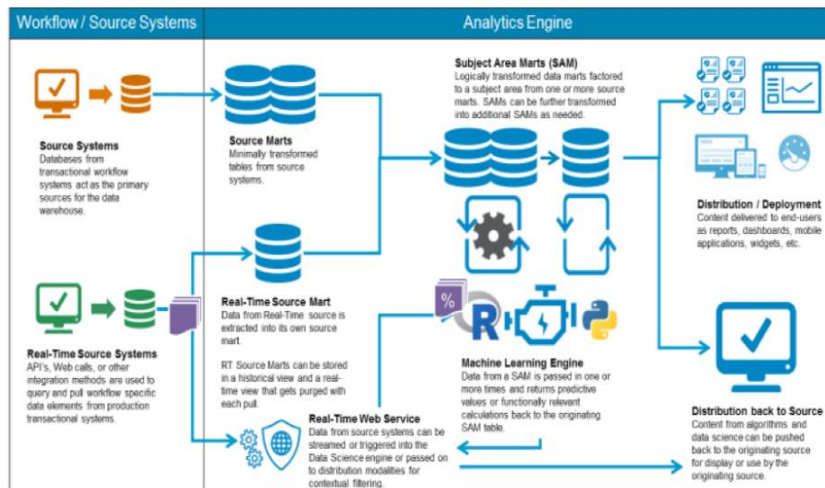


Request and Guidelines Provided

- **Client:** A leading New York based insurance company
- Identify the underwriting inconsistencies in a group insurance data
- Create archetypes using the attributes of inconsistently underwritten applications and evaluate the data fields captures with respect to their influence on the underwriting decision

Methodology and Final Deliverable

- Captured the inconsistencies within 700K+ applications, using systematic pivoted drill-down approach
- Validated the hypothesis of the proportion of inconsistencies by back testing the application data
- Performed feature engineering on the data for creating unique clusters within the data



Tools/Technology used : R, MS Excel