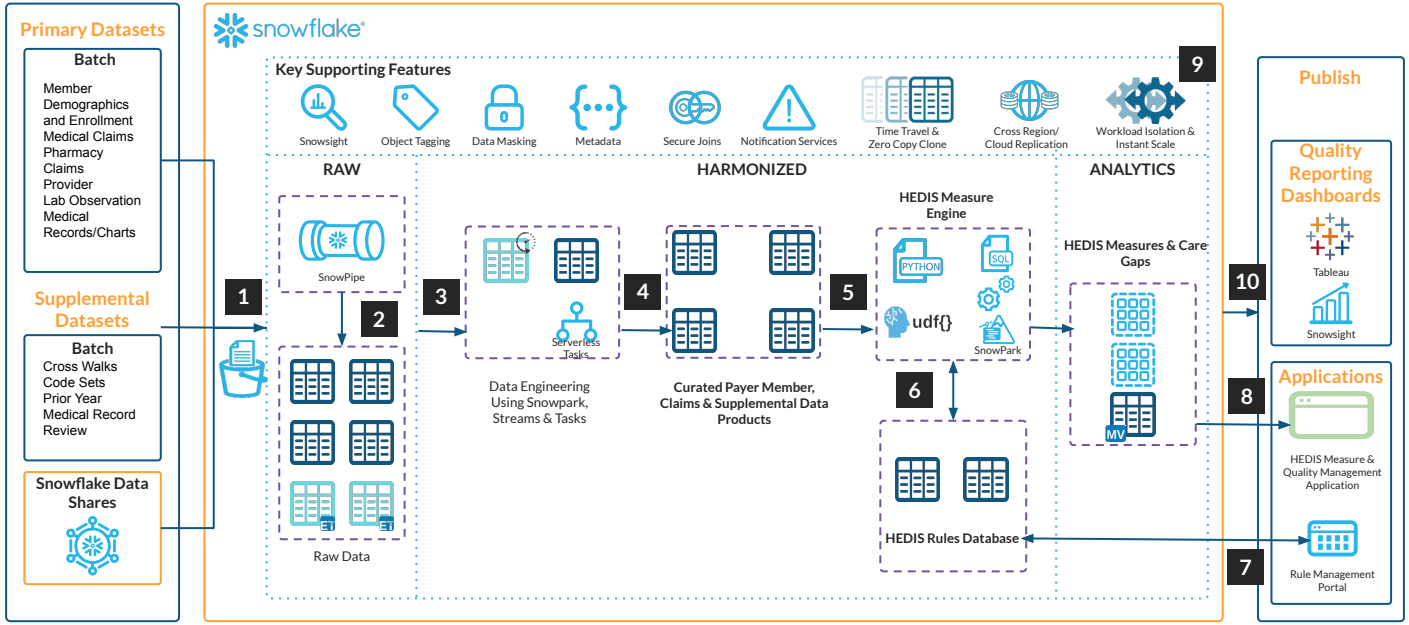
HEDIS MEASURE CALCULATION & REPORTING
REFERENCE ARCHITECTURE



OBJECTIVE

The Healthcare Effectiveness Data and Information Set (HEDIS) is used by health payers to assess and collect data on the performance of providers. As value-based care reimbursement protocols continue to become a mainstay in the healthcare industry, more payers are bringing HEDIS measures to the forefront

DESCRIPTION

1. Source Member Enrollment, claims and supplemental data required for HEDIS reporting
2. Snowpipe automates ingestion and loading of those datasets into raw base tables
3. Snowpark for python, Streams and Tasks cleanses, curates and normalize data
4. Curated and harmonized Payer's member, claims and supplemental data is stored as core data products
5. HEDIS Measure engine built using Snowpark python deployed as UDF or Stored Procedure calculates measures based on the rules stored in rules database
6. Rules database stores HEDIS measure thresholds and conditions
7. External rule management portal serves as base for business users to create and manage HEDIS rules to keep it up to date with latest changes
8. HEDIS Application presents HEDIS measures, care gaps and provides workflow for business users to action
9. Key Supporting Snowflake Functions for HEDIS application
10. Dashboards provides views of measures and metrics for detailed analysis

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