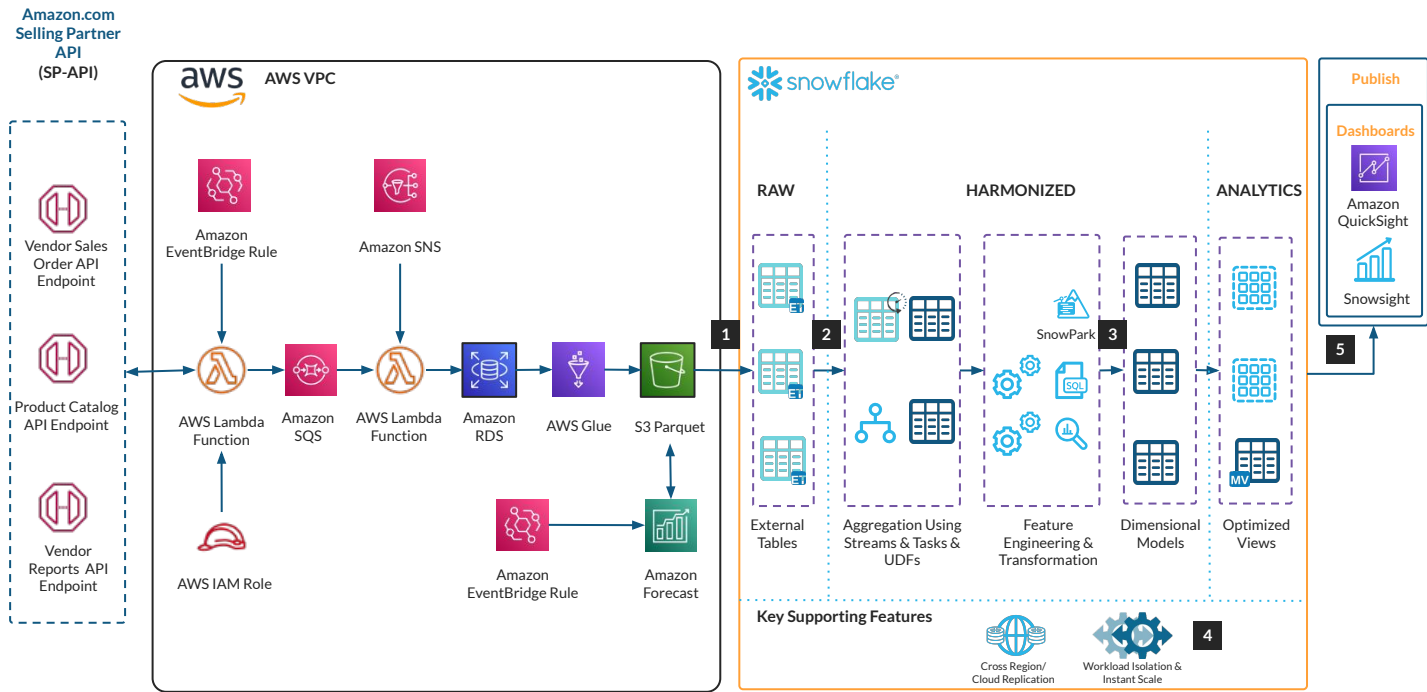


AMAZON VENDOR CENTRAL REFERENCE ARCHITECTURE



OBJECTIVE

Ingest Amazon Vendor Central (AVC) data including purchase order, product catalog metadata, brand analytics and sales diagnostics reports into Snowflake to create forecasts and trend analyses

DESCRIPTION

- 1 Snowflake auto-update of external tables provide the latest data from the pipeline. Leverage Snowflake schema discovery to simplify operations of the pipeline.
- 2 Streams and Tasks are used to automatically update the latest Amazon.com data with the rest of the supply chain and order data.
- 3 Leverage Snowpark (Java or Python) and/or SQL to transform the supply chain and order data into consumable and dimensional models for both internal business users and external supplier/partners.
- 4 Snowflake's cross region and Cloud provider replication allows CPG customer to work with different business units in other regions or cloud providers, as well as suppliers/partners in other region or cloud providers. Workload isolation allows business users access to the data with no impact from data loading or transformations, irrespective of the data set size.
- 5 Publish supply chain data using Quicksight and also share data to suppliers/partners using Data Apps or Snowflake data sharing.

RELATED CONTENT

Blog: [Automate your time series forecasting in Snowflake using Amazon Forecast](#)