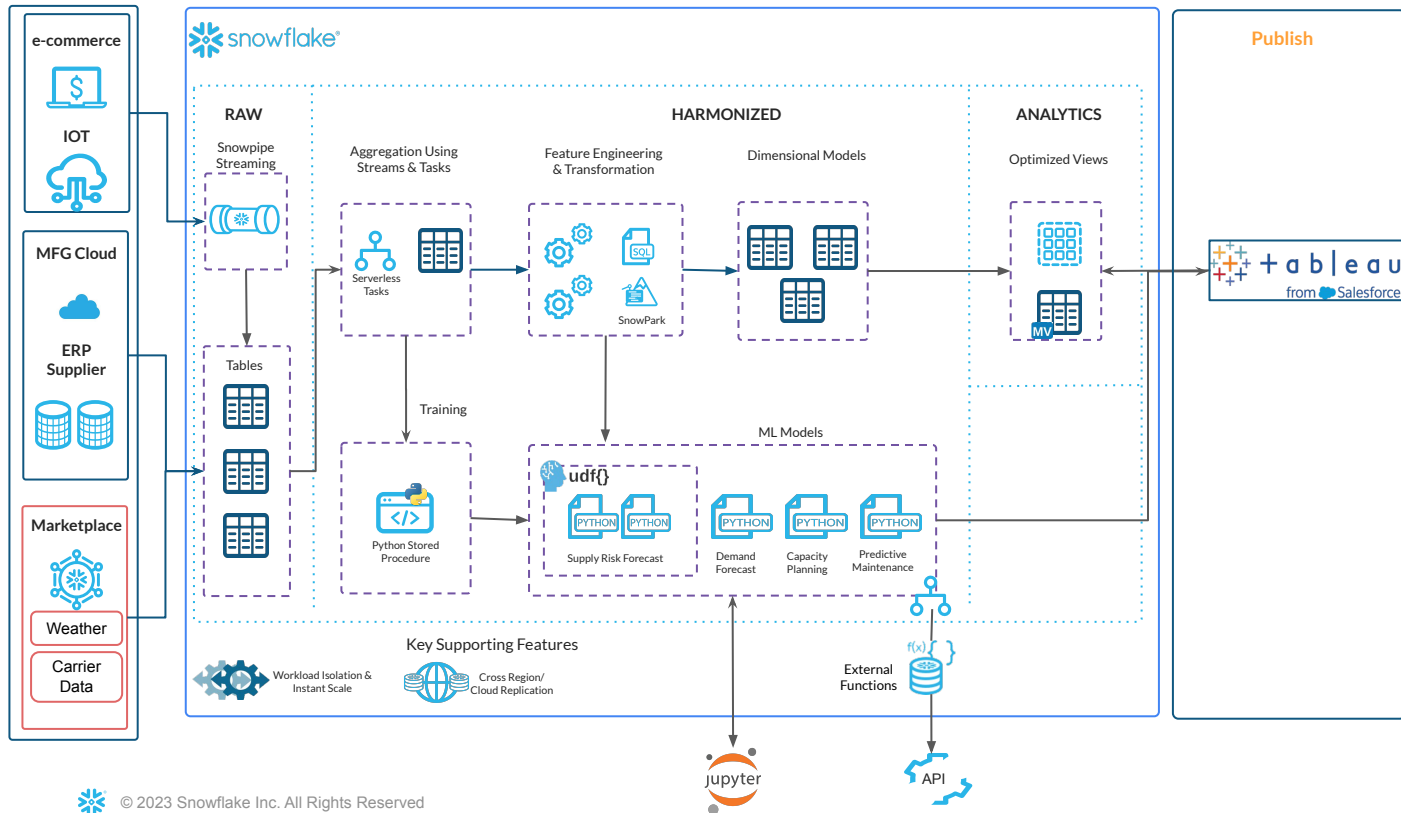


# TABLEAU - SUPPLY CHAIN ANALYTICS REFERENCE ARCHITECTURE

## Data Sources



## OBJECTIVE

With the supply intelligence dashboard, you can bring sales, production, procurement, inventory, and logistics together in a real-time, unified collaborative one-stop decision center for your supply chain. This solution brings together the power of Snowflake's Data Cloud and the world's leading analytics platform, Tableau, allowing supply chain leaders to analyze the resiliency of their supply chain

## DESCRIPTION

- 1 Batch and Stream data from 1st and 3rd party systems into Snowflake
- 2 Use serverless tasks to manage continuous ELT workflows
- 3 SQL/Python to transform and do feature engineering in Snowflake
- 4 ML Model Training using Snowpark stored procedure
- 5 Deploy trained ML Models in Snowflake for inference
- 6 Data scientists use Notebooks to work their ML Models
- 7 Call External API's when predictions cross a set threshold
- 8 Build views for Analytics
- 9 Self-service Data Visualization with Tableau

## RELATED CONTENT

Solution Brief: [Supply Chain Intelligence](#)