Inbound/ Upstream

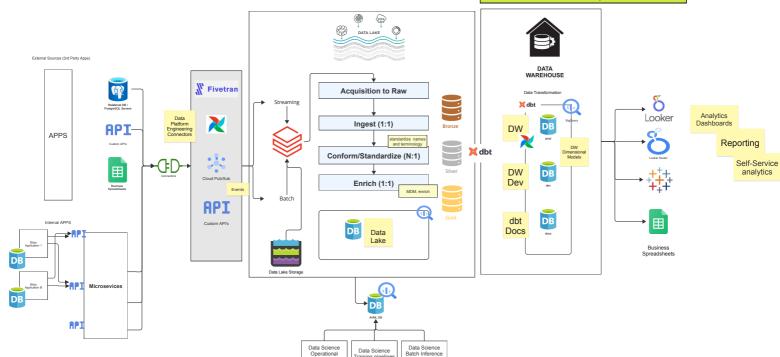**Data Platform**
Data Processing Frameworks and pipelines
Services (models, APIs, topics, consumption end points)

Outbound / Downstream

Analytical Data Warehouse
Dashboard/Reports

External Sources (3rd Party Apps)

APPS

Relational DB / PostgreSQL Servers

API

Custom API's

Business Spreadsheets

Internal APPS

Bitso Application 1

API

Bitso Application X

API

API

Microservices

Data Platform Engineering Connectors

Connectors

Fivetran

Cloud Pub/Sub

API

Custom API's

Events

DATA LAKE

Streaming

Batch

Data Lake Storage

Acquisition to Raw

Ingest (1:1)

standardize names and terminology

Conform/Standardize (N:1)

Enrich (1:1)

MDM, enrich

Data Lake

Bronze

Silver

dbt

Gold

DATA WAREHOUSE

Data Transformation

dbt

BigQuery

DW

prod

DW Dimensional Models

DW Dev

dev

dbt Docs

docs

Looker

Looker Studio

Business Spreadsheets

Analytics Dashboards

Reporting

Self-Service analytics

AI/ML DB

Data Science Operational Models

Data Science Training pipelines

Data Science Batch Inference Models