High Level Architecture

Sources

CRM

ERP

Object Type : CSV file

Interface : Files in Folder

Data Warehouse

Bronze Layer

Raw Data

Object Type : Tables

Load:

- Batch Processing
- Full Load
- Truncate & Insert

Transformation : No

Data Model : None (as-is)

Silver Layer

Cleaned, Standardized Data

Object Type : Tables

Load:

- Batch Processing
- Full Load
- Truncate & Insert

Transformation :

- Data Cleansing
- Data Standardization
- Data Normalization
- Derived Columns
- Data Enrichment

Data Model : None(as-is)

Gold Layer

Business - Ready Data

Object Type : Views

Load: No Load

Transformation :

- Data Integration
- Aggregation
- Business Logic

Data Model :

- Star Schema
- Flat Table
- Aggregated Tables

Consume

BI & Reporting

Ad_Hoc
SQL Queries

Machine Learning & Data Science