High Level Architecture

Sources

CRM

ERP

Object Type: Table

Interface: Files in Folders

Data Warehouse

Microsoft® SQL Server®

Bronze Layer

Raw Data

Object Type: Tables

Load:

- Batch Processing
- Full Load
- Truncate & Insert

No Transformations

Data Model: None(As-it-is)

Silver Layer

Cleaned, Standardized Data

Object Type: Tables

Load:

- Batch Processing
- Full Load
- Truncate & Insert

Transformations:

- Data Cleansing
- Data Standrization
- Data Normalization
- Derived Columns
- Data

Data Model: None(As-it-is)

Gold Layer

Business-Ready data

Object Type: Tables

Load:

- Batch Processing
- Full Load
- Truncate & Insert

Transformations:

- Data Integrations
- Aggregations
- Business Logics

Data Model:

- Star Schema
- Flat Table
- Aggregated Table

Consumer

BI & Reporting

Ad-Hoc SQL Queries

Machine Learning