Data Intergration (How tables are interconnected)

Data Integration (How tables are interconnected)

ER...

Current and history Product information

crm_prd_table

cat_id
Product

Transactional records about sales and orders

crm_sales_table

sls_prd_key
sls_cust_key
Sales

Extra ...
product ...

bronze.erp_...

id
Pr...

Country Inf...

bronze.erp...

sid
Cust...

Customer Information

crm_cust_table

cst_id
cst_key
Customer

Extra cust Inf...

bronze.erp_...

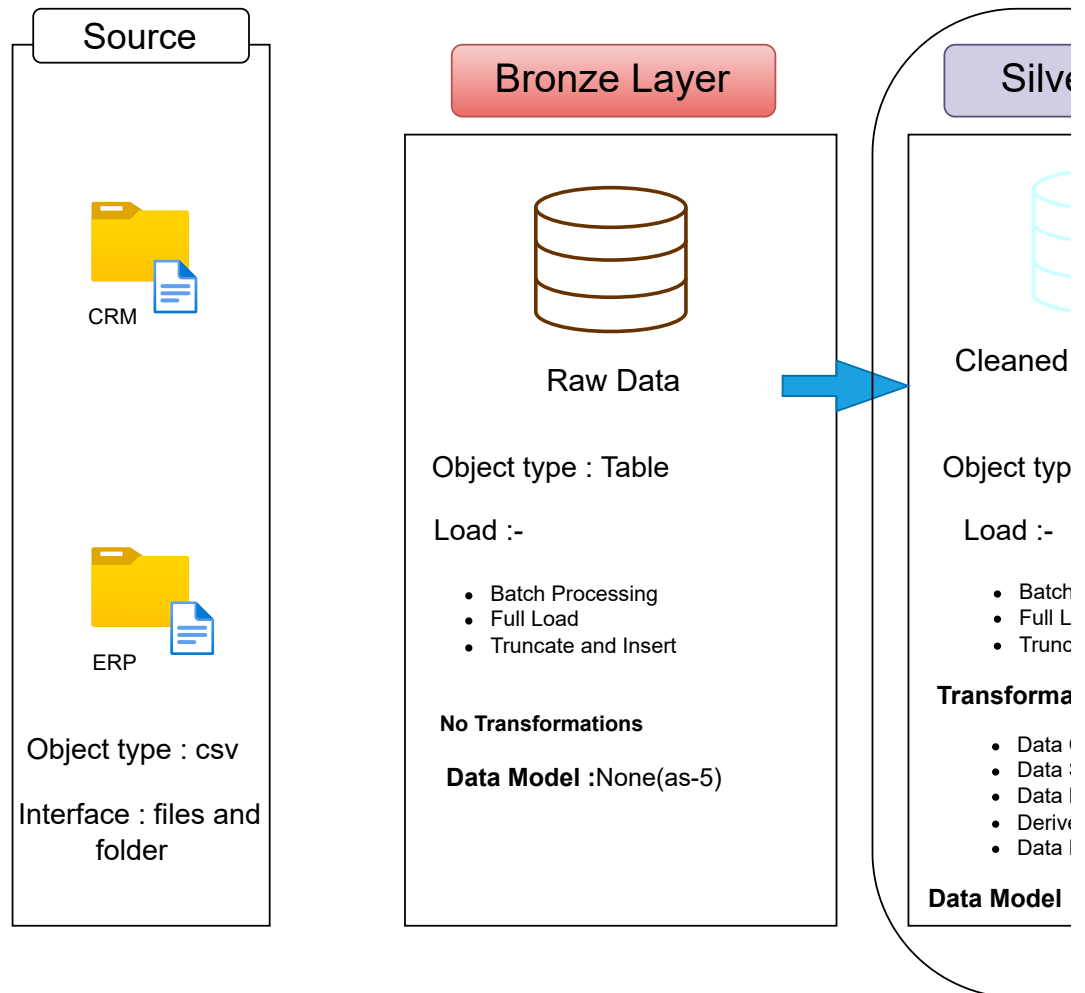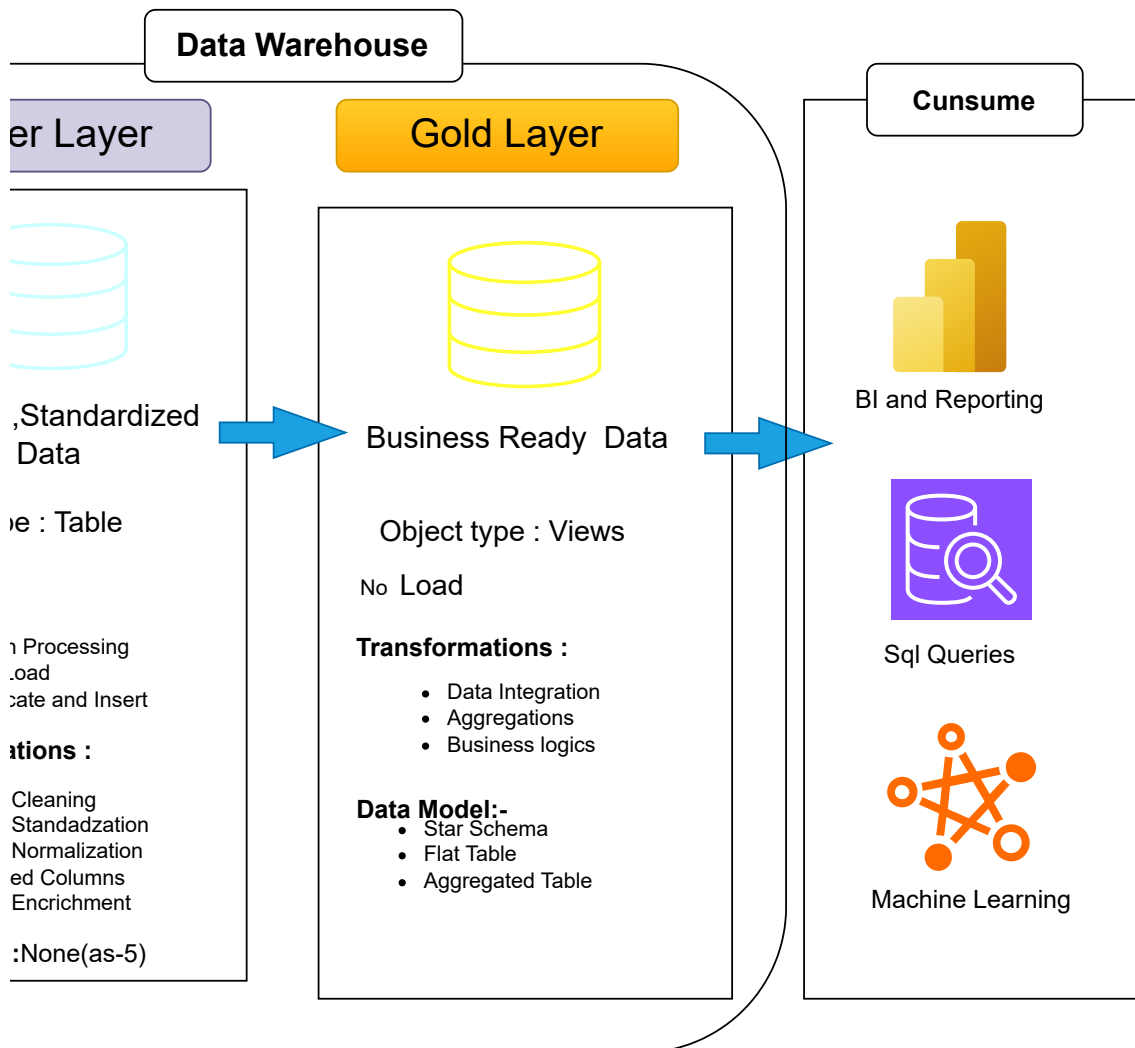| cid |
| --- |
| Custo... |

RP

Customer
Information

_px_cat_g1v2

oduct

formation

_loc_a101

omer

fo (Birthdate)

_cust_az12

omer

Source

CRM

ERP

Object type : csv

Interface : files and folder

Bronze Layer

Raw Data

Object type : Table

Load :-

- Batch Processing
- Full Load
- Truncate and Insert

No Transformations

Data Model : None(as-5)

Silve

Cleaned

Object typ

Load :-

- Batch
- Full L
- Trunc

Transforma

- Data
- Data
- Data
- Derive
- Data

Data Model

Data Warehouse

er Layer

Gold Layer

,Standardized
Data

pe : Table

Business Ready Data

Object type : Views

No Load

n Processing
Load
cate and Insert

Transformations :

- Data Integration
- Aggregations
- Business logics

ations :

Cleaning
Standadzation
Normalization
ed Columns
Encrichment

Data Model:-
- Star Schema
- Flat Table
- Aggregated Table

:None(as-5)

Cunsume

BI and Reporting

Sql Queries

Machine Learning

Data Flow (data lineage)

Source

CRM

ERP

Bronze Layer

crm_cust_info

crm_prd_info

crm_sales_details

erp_cust_az12

erp_loc_a101

erp_px_cat_g1v2

Silver La

crm_cust_

crm_prd_i

crm_sales_d

erp_cust_a

erp_loc_a1

erp_px_cat_

Gold Layer

_info

nfo

details

fact_sales

dm_customers

az12

101

dm_products

g1v2