Sources

CRM

ERP

Object Type:
CSV Files

Interface:
Files in Folders

Data Wearhouse

Bronze Layer

Silver Layer

Raw Data

Object Type: Tables
Load:
Batch Processing
Full Load
Truncate and Insert
No Transformation
Data Model: None(as-is)

**Clearned
Standardized
Data**

Object Type: Tables
Load:
Batch Processing,
Full Load
Truncate and Insert
Transformation:
Data Cleaning
Data Standardization
Data Normalization
Data Columns
Data Enrichmnet

Data Model: None(as-is)

Data Wearhous

Bronze Layer

Silver Layer

Sources

Gold Layer

Business Ready Data

Object Type: Views
NO Load
Transformation:
Data Integration
Aggregation
Business Logic
Data Model:
Star Schema
Flag Table
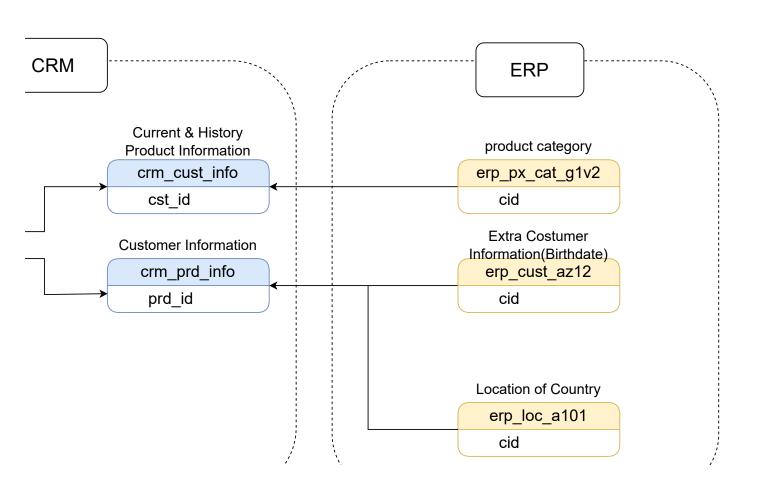Aggregated Table

Consume

BI & Reporing

SQL Querries

Machine Learing

e

Gold Layer

Transectional Record
about Sales & Orders

crm_cust_info
cst_id
prd_id

CRM

ERP

Current & History
Product Information

crm_cust_info
cst_id

Customer Information

crm_prd_info
prd_id

product category

erp_px_cat_g1v2
cid

Extra Costumer
Information(Birthdate)

erp_cust_az12
cid

Location of Country

erp_loc_a101
cid

CRM

ERP

crm_sales_details

crm_cust_info

crm_prd_info

erp_cust_az12

erp_loc_a101

erp_px_cat_g1v2

crm_sales_details

crm_cust_info

crm_prd_info

erp_cust_az12

erp_loc_a101

erp_px_cat_g1v2

fact_sales

dim_costumers

dim_products

gold.dim_customers

PK	costumer_key
	costumer_id
	customer_number
	first_name
	last_name
	country
	maritial_status
	gender
	birthdate

gold.fact_sales

	order_number
FK1	product_key
FK2	customer_key
	order_date
	shipping_date
	due_date
	sales_amount
	quantity
	price

gold.dim_c...

PK	product_key
	product_id
	product_num...
	product_nam...
	category_id
	category
	maintenance...
	cost
	product_line
	start_date

sales Calculation

Sales = Quantity * Price

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Data Wearhouse

Sources

CRM

ERP

Bronze Layer

crm_sales_details

crm_cust_info

crm_prd_info

erp_cust_az12

erp_loc_a101

erp_px_cat_g1v2

Silver Layer

crm_sales_details

crm_cust_info

crm_prd_info

erp_cust_az12

erp_loc_a101

erp_px_cat_g1v2

Gold Layer

fact_sales

dim_costumers

dim_products

CRM

Transectional Record about Sales & Orders

crm_cust_info
cst_id
prd_id

Current & History Product Information

crm_cust_info
cst_id

Customer Information

crm_prd_info
prd_id

ERP

product ca...

erp_px_ca...
cid

Extra Cos... Information(...

erp_cust...
cid

Location of ...

erp_loc_...
cid

ategory

at_g1v2

stumer
Birthdate)

_az12

Country

_a101