

# Sales360 Analysis

## Data Dictionary

### Customer

Column Name	Data Type	Description
C_CUSTKEY	Number	Customer Key, a unique identifier for customers
C_NAME	Varchar	Customer's name
C_ADDRESS	Varchar	Customer's address
C_NATIONKEY	Number	Foreign key referencing the nation of customer
C_PHONE	Varchar	Customer's contact phone number
C_ACCTBAL	Number	Customer's account balance
C_MKTSEGMENT	Varchar	Market segment associated with the customer
C_COMMENT	Varchar	Additional comments or notes about the customer

### Line Item

Column Name	Data Type	Description
L_ORDERKEY	Number	Order Key, a unique identifier for orders
L_PARTKEY	Number	Part Key, a unique identifier for parts
L_SUPPKEY	Number	Supplier Key, a unique identifier for suppliers
L_LINENUMBER	Number	Line number within an order
L_QUANTITY	Number	Quantity of items in the order line
L_EXTENDEDPRICE	Number	Extended price of the order line
L_DISCOUNT	Number	Discount applied to the order line
L_TAX	Number	Tax applied to the order line
L_RETURNFLAG	Varchar	Flag indicating if item is returned ("R") or not ("A")
L_LINESTATUS	Varchar	Line status indicating if line is shipped ("F") or not ("O")
L_SHIPDATE	Date	Date when the order line is shipped
L_COMMITDATE	Date	Date when the order line is committed
L_RECEIPTDATE	Date	Date when the order line is received
L_SHIPINSTRUCT	Varchar	Shipping instructions for the order line
L_SHIPMODE	Varchar	Shipping mode for the order line
L_COMMENT	Varchar	Additional comments or notes for the order line

### Nation

Column Name	Data Type	Description
N_NATIONKEY	Number	Nation Key, a unique identifier for nations
N_NAME	Varchar	Name of the nation
N_REGIONKEY	Number	Region Key, a unique identifier for regions
N_COMMENT	Varchar	Additional comments or notes for the nation

### Orders

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Column Name	Data Type	Description
O_ORDERKEY	Number	Order Key, a unique identifier for orders
O_CUSTKEY	Number	Customer Key, a unique identifier for customers
O_ORDERSTATUS	Char	Status of the order (e.g., F for filled, O for outstanding)
O_TOTALPRICE	Float	Total price of the order
O_ORDERDATE	Date	Date when the order was placed
O_ORDERPRIORITY	Char	Priority of the order (e.g., 1-5)
O_CLERK	Varchar	Clerk responsible for processing the order
O_SHIPPRIORITY	Number	Shipping priority of the order
O_COMMENT	Varchar	Additional comments or notes for the order

### Part

Column Name	Data Type	Description
P_PARTKEY	Number	Part Key, a unique identifier for parts
P_NAME	Varchar	Name of the part
P_MFGR	Varchar	Manufacturer of the part
P_BRAND	Varchar	Brand of the part
P_TYPE	Varchar	Type or category of the part
P_SIZE	Number	Size of the part
P_CONTAINER	Varchar	Container type for the part
P_RETAILPRICE	Float	Retail price of the part
P_COMMENT	Varchar	Additional comments or notes for the part

### PartSupp

Column Name	Data Type	Description
PS_PARTKEY	Number	Part Key, identifying the part
PS_SUPPKEY	Number	Supplier Key, identifying the supplier
PS_AVAILQTY	Number	Available quantity of the part
PS_SUPPLYCOST	Float	Supply cost of the part
PS_COMMENT	Varchar	Additional comments or notes for the part/supplier

### Region

Column Name	Data Type	Description
R_REGIONKEY	Number	Region Key, identifying the region
R_NAME	Varchar	Name of the region
R_COMMENT	Varchar	Additional comments or notes for the region

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### Supplier

Column Name	Data Type	Description
S_SUPPKEY	Number	Supplier Key, identifying the supplier
S_NAME	Varchar	Name of the supplier
S_ADDRESS	Varchar	Address of the supplier
S_NATIONKEY	Number	Nation Key, identifying the supplier's nation
S_PHONE	Varchar	Contact phone number of the supplier
S_ACCTBAL	Float	Account balance of the supplier
S_COMMENT	Varchar	Additional comments or notes for the supplier