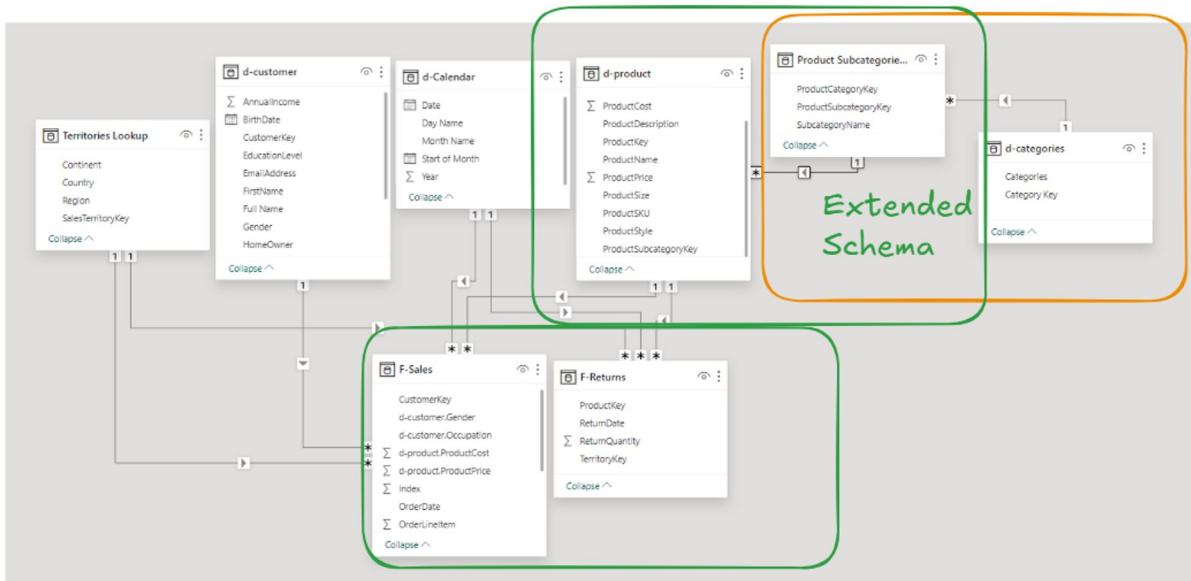


Data Modelling - 2

06 September 2024 20:57

Data Modelling - 2



By considering Product Lookup as an Intermediary , we can connect Sub Category Lookup with Sales & Returns Table.
If they even don't have any direct connection.

SubcategoryName	Sum of OrderQuantity
Bike Racks	188
Bike Stands	131
Bottles and Cages	7583
Caps	2091
Cleaners	946
Fenders	2585
Gloves	1354
Helmets	3101
Hydration Packs	370
Jerseys	1647
Mountain Bikes	2998
Road Bikes	2940
Shorts	472
Socks	569
Tires and Tubes	15014
Touring Bikes	961
Vests	265
Total	43215

Categories	Sum of OrderQuantity
Accessories	29918
Bikes	6899
Clothing	6398
Total	43215

Suzuki

Car - 12K

Bikes - 29K

Product Name

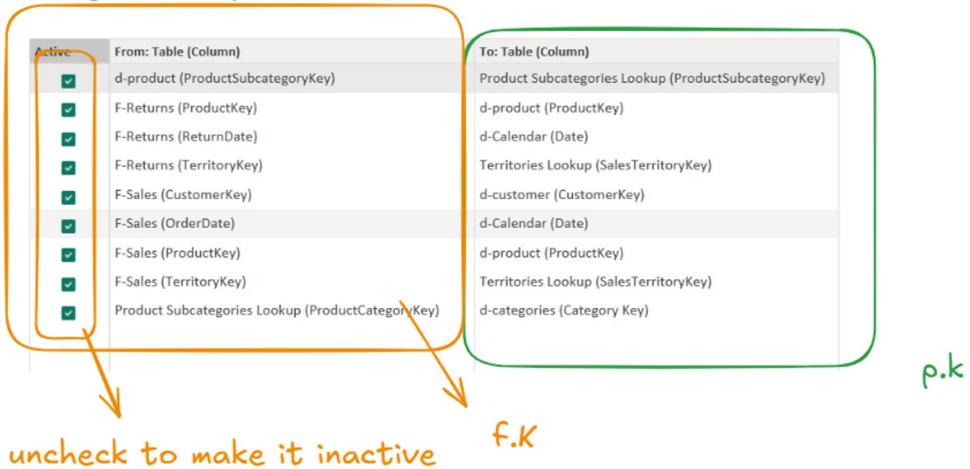
Apple - 5
Orange - 7
Beans - 10
Aalo - 11
Pyaaz - 15
Lays - 10
Chocolate - 21

Sub Category

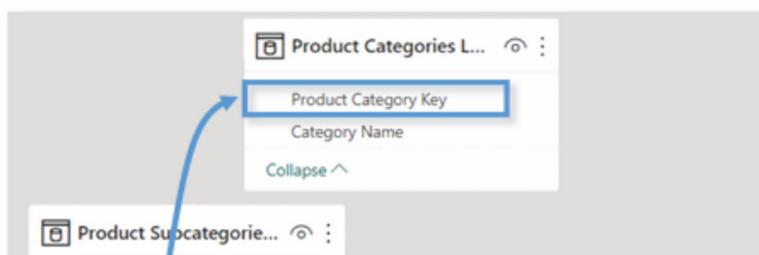
Fruits - 12
Vegetables - 36
Packed Foods - 31

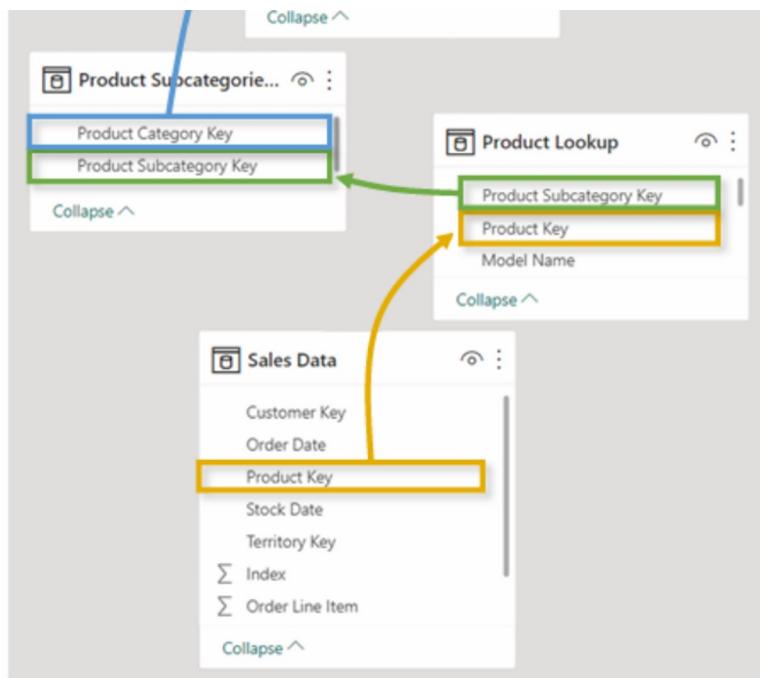
X

Manage relationships

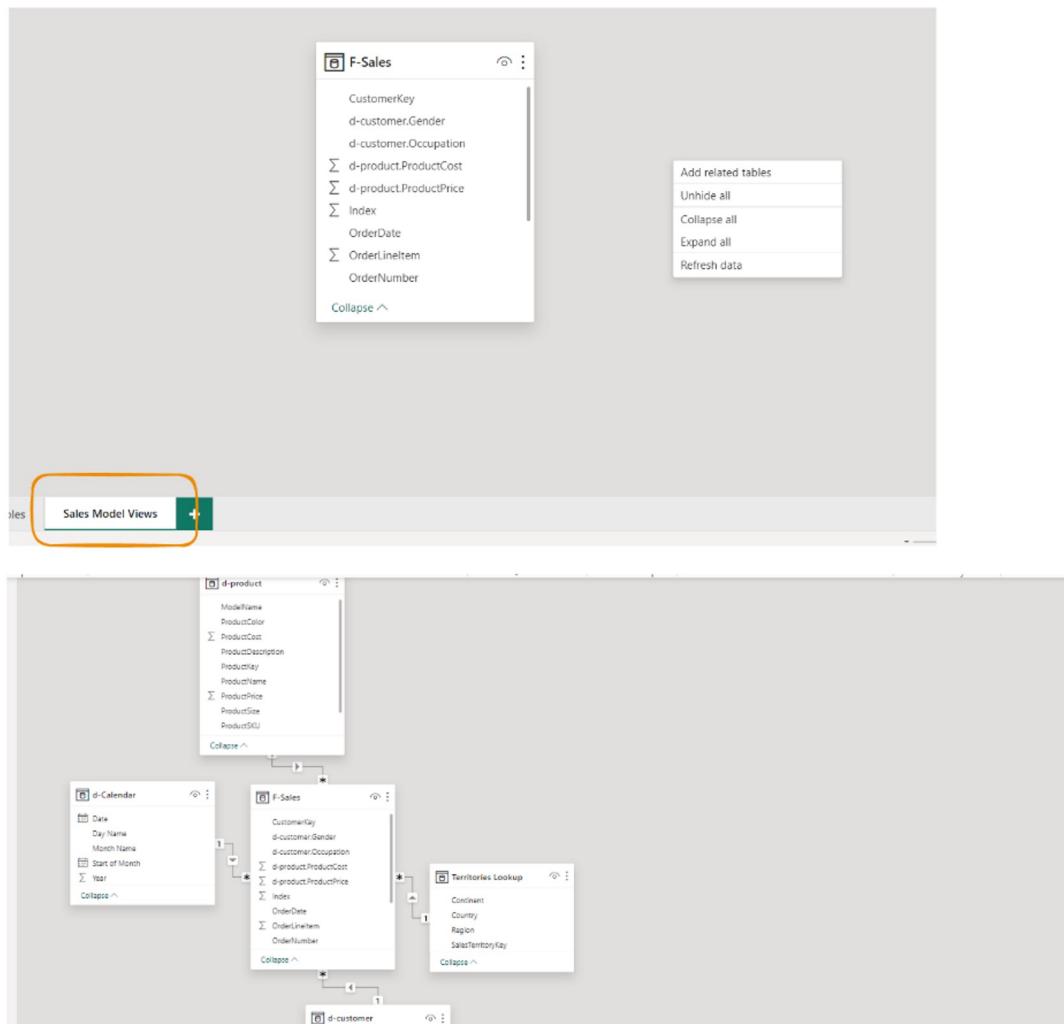
STAR & SNOWFLAKE SCHEMAS

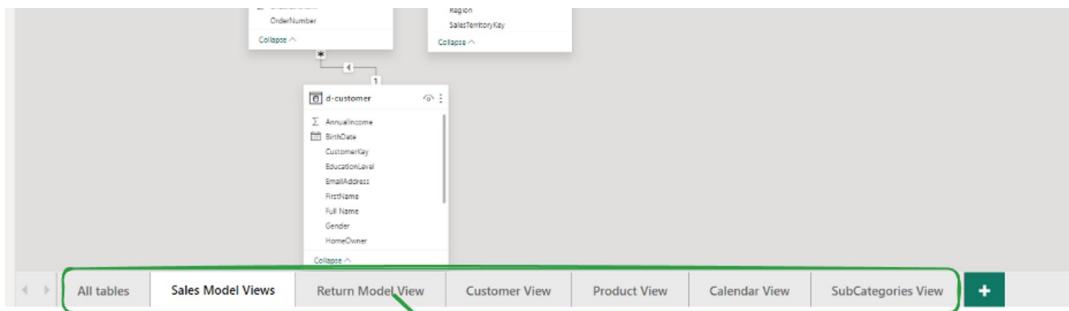
A star schema is the simplest and most common type of data model, characterized by a single fact table surrounded by related dimension tables





A snowflake schema is an extension of a star, and includes relationships between dimension tables and related sub-dimension tables





Individual Views to Represent the table and its connected table.

- Make sure whatever changes you do in individual view being reflected on your main layout as well.

10,000

The screenshot shows a table tool interface with a table containing 10,000 rows. The first row is highlighted with a blue box. The table has columns: ProductDescription, ProductColor, ProductSize, ProductStyle, ProductCost, and ProductPrice. The ProductDescription column contains various product descriptions, and the ProductCost column shows values ranging from \$13.1 to \$327.2. Above the table are various table tools: Column tools, Summarization (Sum), Data category (Uncategorized), Sort by column, Data groups, Manage relationships, and New column.

The screenshot shows a table with four columns: SalesTerritoryKey, Region, Country, and Continent. The Region, Country, and Continent columns are highlighted with a red box. The data includes regions like Northwest, Northeast, Central, Southwest, Southeast, Canada, France, Germany, Australia, and United Kingdom, along with their corresponding countries and continents.

Useful Values for Mapping.

The screenshot shows a properties dialog for the **d-customer** table. It has sections for General, Name (d-customer), and Description (Enter a description). The dialog is titled 'Properties'.

CustomerKey

AnnualIncome, BirthDate, CustomerKey, EducationLevel

d-customer

Description: Enter a description

Synonyms: d-customer, d customer, customer

Row label: Select a row label

Key column: CustomerKey

Is hidden

Table tools

Format: Text, Summarization: Don't summarize, Data category: Uncategorized

Properties

Region	Country	Continent
1 Northwest	United States	North America
2 Northeast	United States	North America
3 Central	United States	North America
4 Southwest	United States	North America
5 Southeast	United States	North America
6 Canada	Canada	North America
7 France	France	Europe
8 Germany	Germany	Europe
9 Australia	Australia	Pacific
10 United Kingdom	United Kingdom	Europe

Territories Lookup

Continent, Country, Region, SalesTerritoryKey

Formatting

Summarization: Don't summarize, Data category: Uncategorized

Country	Continent
United States	North America
Canada	North America
France	Europe
Germany	Europe
Australia	Pacific
United Kingdom	Europe