Project Requirement

Step 1 - Data Cleaning and Preparation

1. Append 2019,2020 and 2021 sales table into one.
2. Check correct data type and null values in data if there are any

Step 2 - Adding Columns

1. Total sales = qty * price
2. Total cost = product cost * qty
3. Profit = sales - cost

Step 3 - Data modelling

1. Create a star schema and establish correct relation

Step 4 - Analysis

1. Total number of orders
2. Total sales
3. Total profit
4. Total cost
5. Total number of unique products
6. Total number of location where product is sold
7. Make a line chart that shows Year wise sales and profit trend
8. Find which month the company made the highest sales
9. Top 5 highest sold product and their sales
10. Calculate companies profit margin in sales % (profit / revenue)
11. Create category of population
    - Below 2,50,000 are Low
    - 2,50,000 – 5,00,000 are Mid
    - Above 5,00,000 High
12. Find Total number of orders by population category
13. Create a final dashboard