

PROJECT – Sales Insights of a Business

(SQL | Power BI)

STEP No.	TASK	REASON	REMARK
1	Download the dump MySQL file from github		
2	Import the file in MySQL	This will create the entire database alongwith the records	SELF-contained SQL File
3	Quick-view of all the tables	To get an idea whether any data cleaning or transformation required	
4	Check the no. of data rows in "Transaction" table		count(*)
5	Perform other analysis		Check in the transaction query sheet
6	JOIN "date" and "transaction" tables for further analysis	To obtain the transaction record for the year 2020	Analysis query sheet
7	Calculate the total revenue of Chennai in year 2020		
8	Calculate the different types of product sold in Chennai		
9	Open Power BI and connect MySQL Database		Problem in connection so connect under "Database" tab by applying your credentials
10	Establish the required relationship between tables		
11	ETL 1 - Transform "market" by removing the empty rows	Data Cleaning	New York and Paris were extra
12	Check for any (-)ve or zero sales_amount		Transaction query sheet
13	ETL 2 - Transform "transaction" by removing (-)ve or zero sales_amount rows	Data Cleaning	
14	Add a custom column to filter out the USD currency in "transaction"		
15	ETL 3 – Convert the USD into INR		1 USD = 81 INR
16	Check the distinct values of currency in "transaction"	To filter out 2 INR and 2 USD	One is 'INR\r'
17	Close & Apply		
18	Enter Data >> Base_Measure	To create Measures	
19	Revenue and Sales_Quantity measures are created	If Company CEO is more interested in sales and revenue	
20	Create dashboards as per your choice		