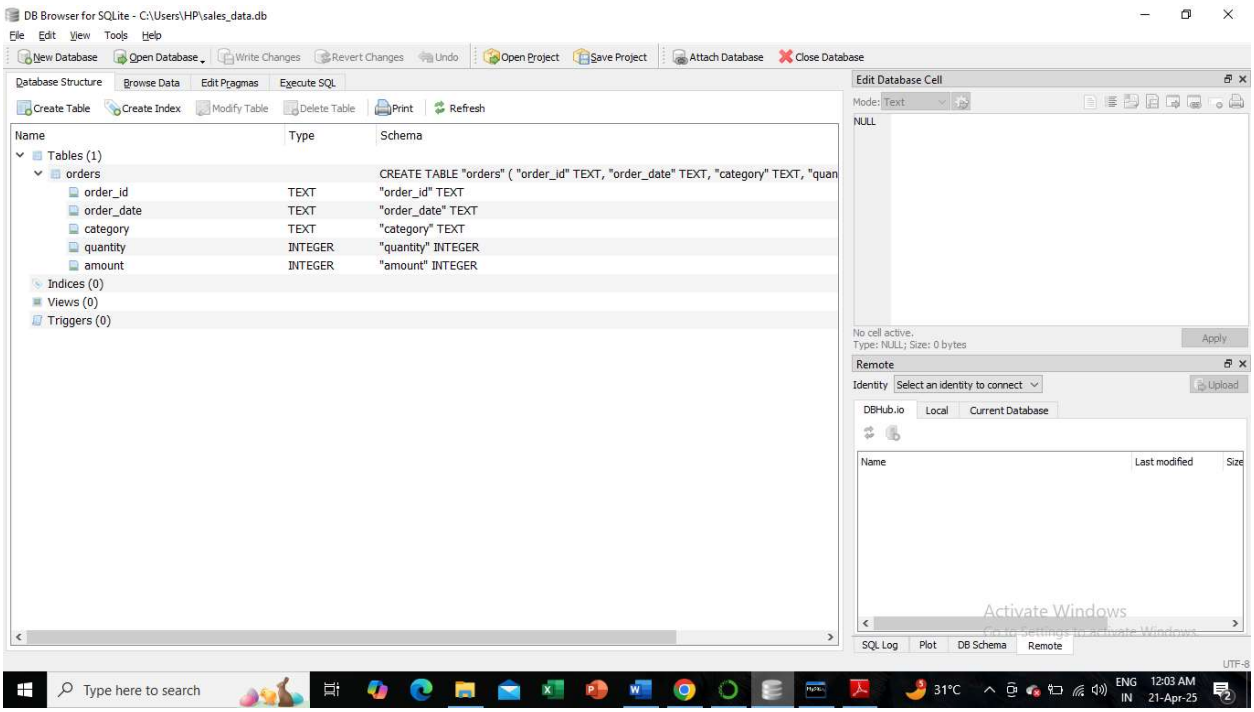
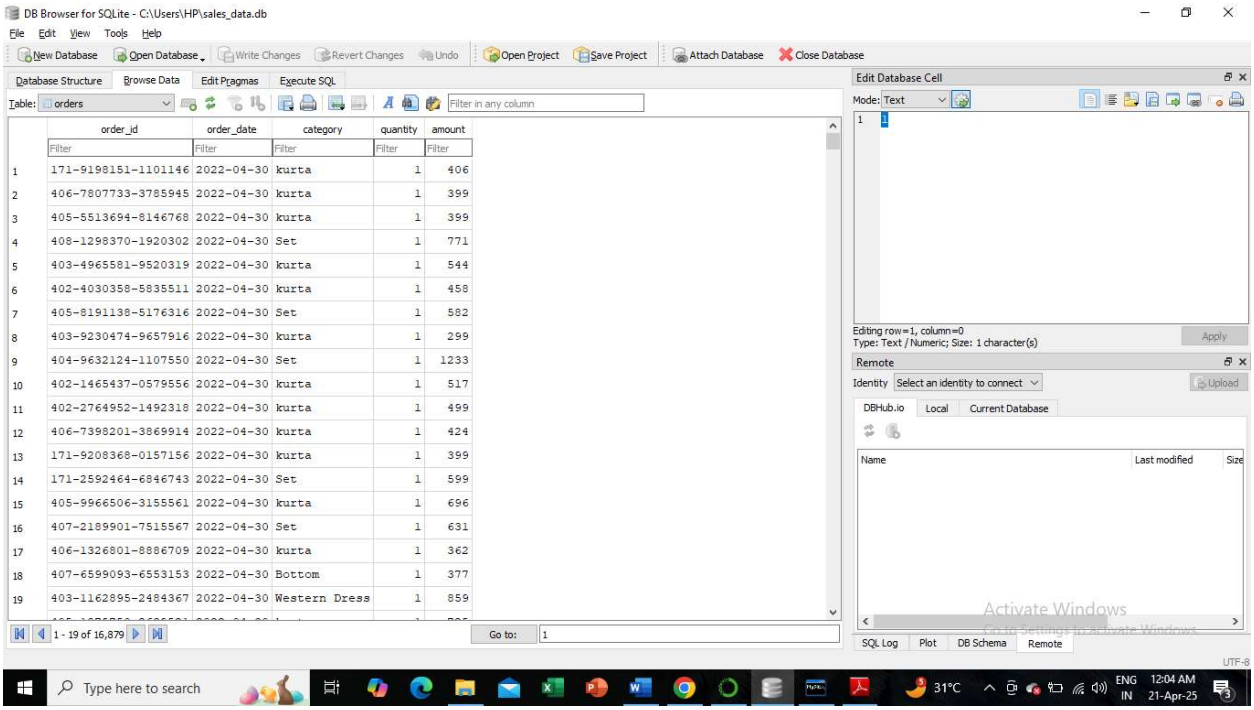
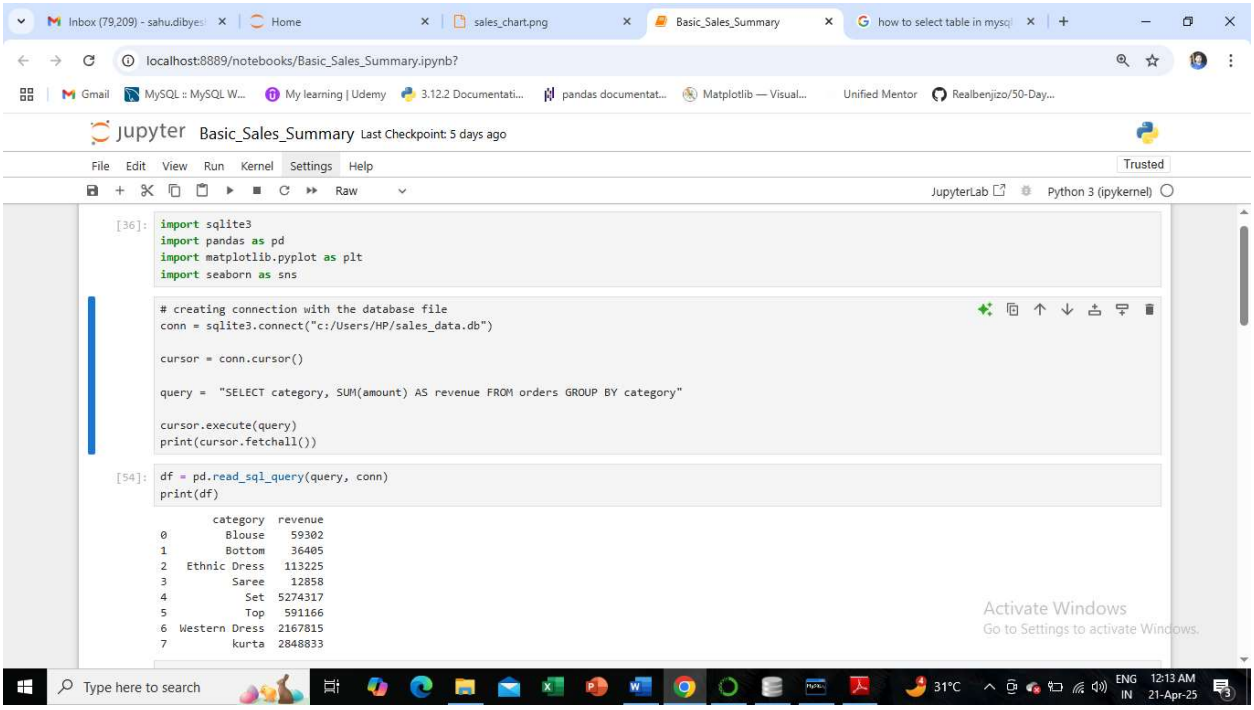
Data is imported using DB Browser for SQLite into sales.db database file



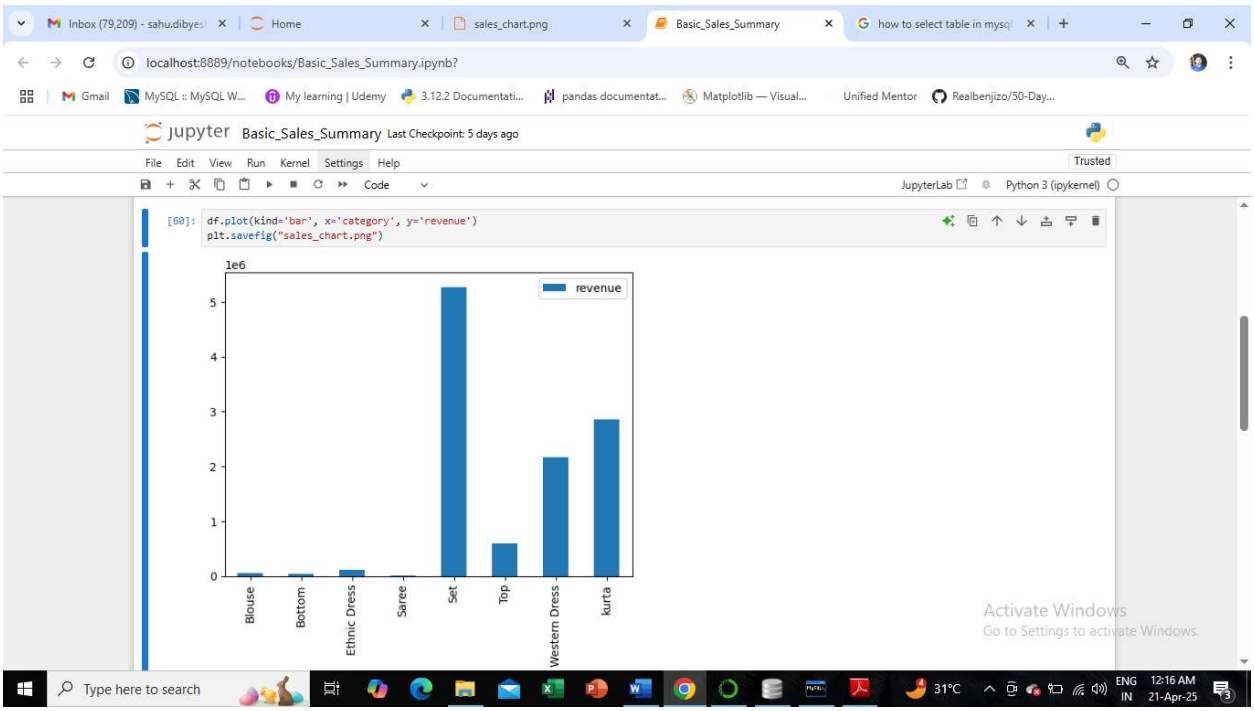
Data looks like below-



Few libraries are imported, a connection is established with the existing database sales_data.db in Jupyter Notebook, a query is run to get the revenue category wise, using fetchall() method we got the results in the form of tuples, using read_sql_query() dataframe method we have printed the results in the pandas dataframe form



Now the same dataframe is plotted as a barplot and the figure is saved in the format of .png


Basic_Sales_Summary
Last Checkpoint: 5 days ago
File Edit View Run Kernel Settings Help
Trusted
JupyterLab
Python 3 (ipykernel)
[60]:
df.plot(kind='bar', x='category', y='revenue')
plt.savefig("sales_chart.png")
1e6
revenue
0
1
2
3
4
5
Blouse
Bottom
Ethnic Dress
Saree
Set
Top
Western Dress
kurta
Activate Windows
Go to Settings to activate Windows.
Type here to search
31°C
ENG
IN
12:16 AM
21-Apr-25