INDIAN Start-up Funding Analysis Dashboard

Indian startups have been making waves in recent years, attracting significant attention and funding from investors both domestically & globally.

Aim:

The aim of this project is to analyze funding received by start-ups in India of year (2004, 2008, and 2010 to 2019) and investigate the ecosystem.

Data Collection:

Indian start-up funding dataset of (2004, 2008, 2010 to 2019) year.

The Column names & Description are as follows:

1. Company/Brand: Name of the Company/Brand/Startup

2. Founded: Year start-up was founded.

3. Sector: Sector of service

4. What it does: Description about Company.

5. Founders: Founders of the Company.

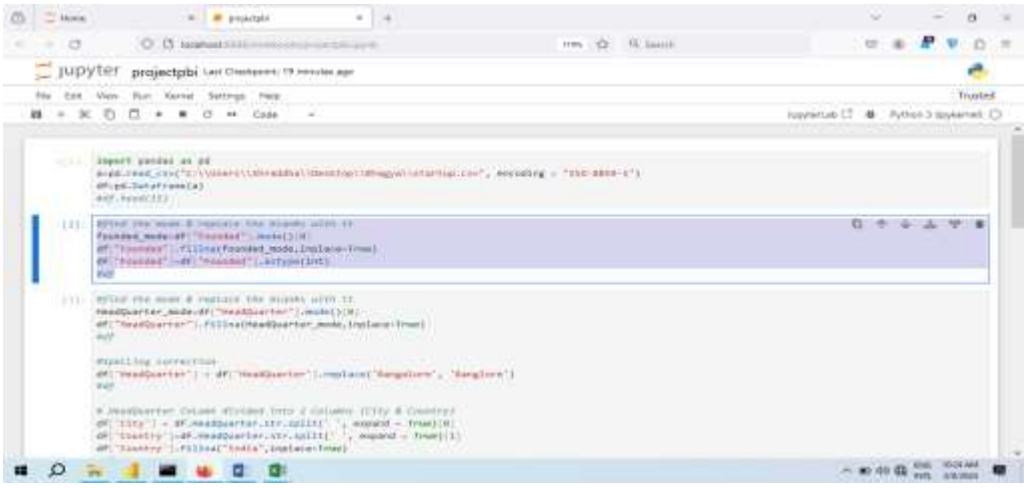
6. Amount ($): Raised fund.

7. Stage: Round of funding reached.

Data Cleaning:

Cleaning of the data was done with Jupyter Notebook.

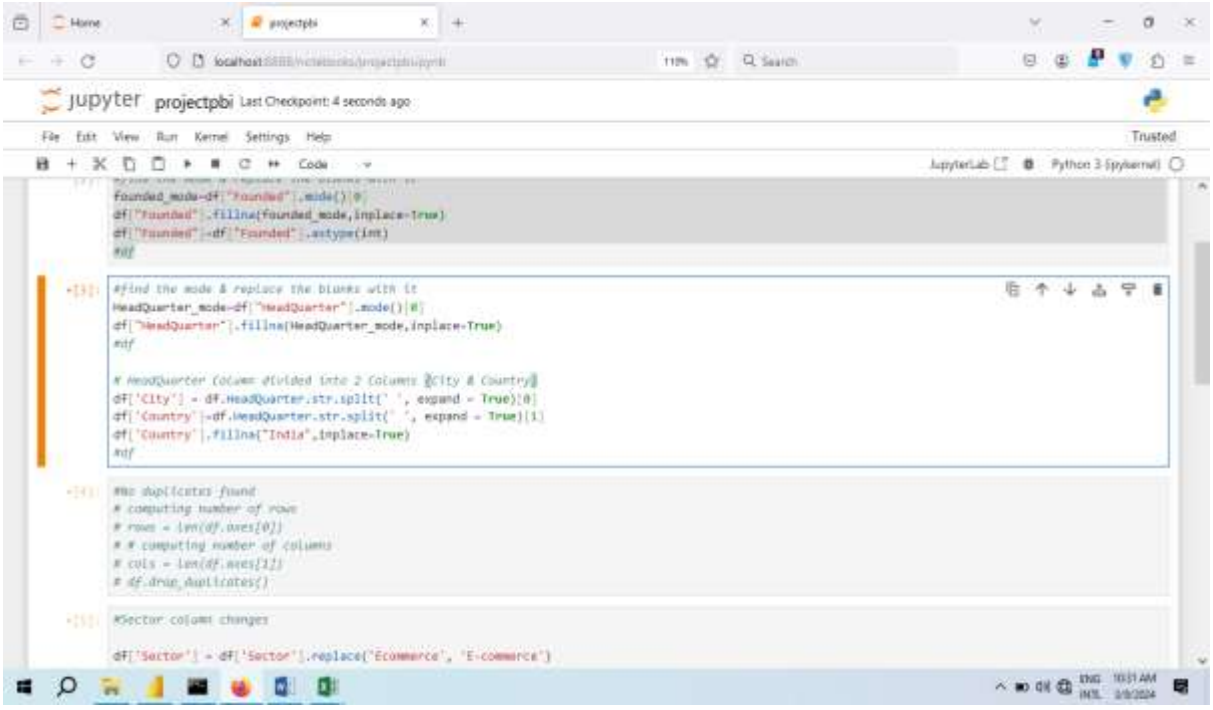
1. Founded Column: There were empty cells (Missing values) those were replaced with the mode of the founded column that is most occurring year.



2. Headquarter:

-There were empty cells (Missing values) those were replaced with the mode of the founded column that is most occurring Headquarter.

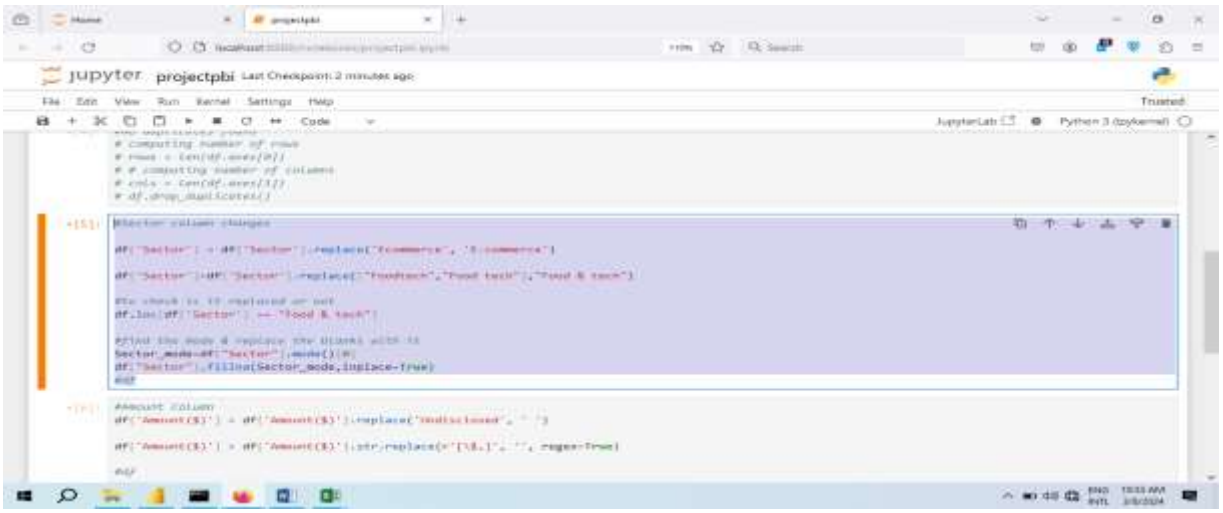
- Headquarter Column divided into 2 Columns (City & Country)



3. Sector:

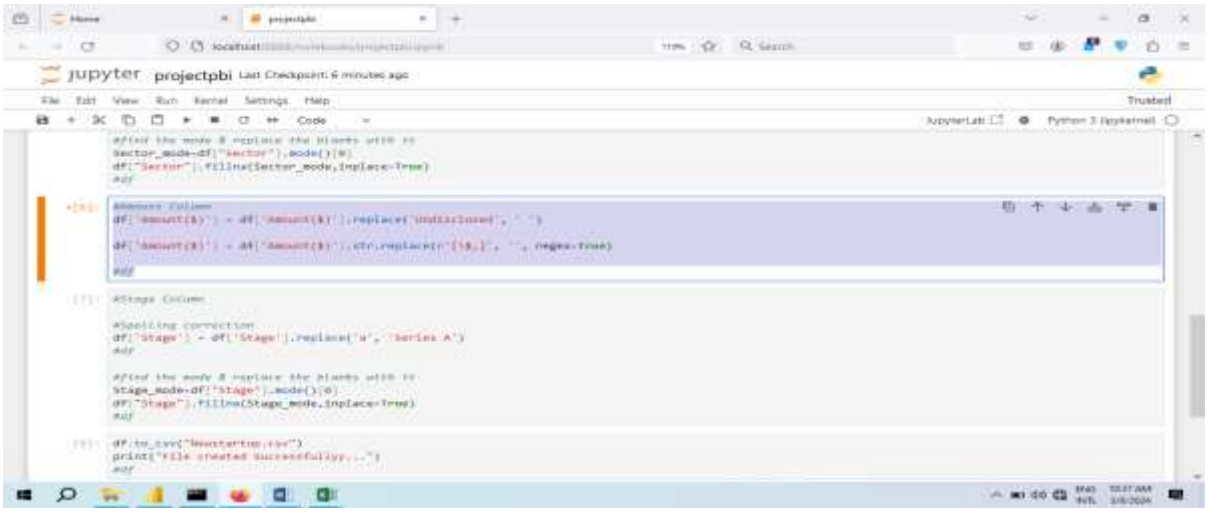
- There were empty cells (Missing values) those were replaced with the mode of the founded column that is most occurring Sector.

-There were some cases issues means same names but diff types.so I changed them into one & replaced them.



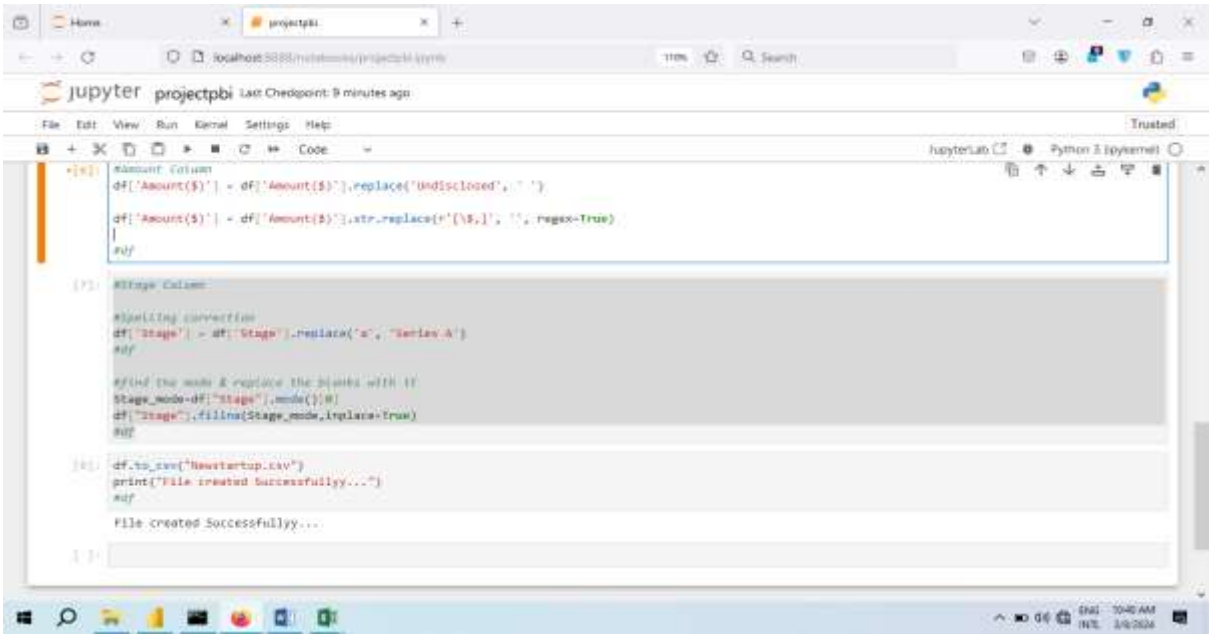
4. Amount:

- The amount column was an integer but had strings of “undisclosed” was replaced with blanks Then “$” and “,” too removed before getting the total values.



5. Stage:

-Had similar name & missing values issues. Similar naming replaced with uniform name & Missing values replaced with the mode value of the column.


projectpbi
Last Checkpoint: 9 minutes ago
File Edit View Run Kernel Settings Help
Trusted
Code
JupyterLab
Python 3 (ipykernel)
#Amount Column
df['Amount($)'] = df['Amount($)'].replace('Undisclosed',' ')
df['Amount($)'] = df['Amount($)'].str.replace(r'[\$,]', '', regex=True)
#df
#Stage Column
#Spelling correction
df['Stage'] = df['Stage'].replace('a', 'Series A')
#df
#find the mode & replace the blanks with it
Stage_mode=df["Stage"].mode()[0]
df["Stage"].fillna(Stage_mode,inplace=True)
#df
df.to_csv("Newstartup.csv")
print("File created Successfullyy...")
#df
File created Successfullyy...

Conclusion:

In conclusion,

-The best course of action to take venturing into the Indian start-up ecosystem is venture into an Edtech with its Headquarters in Bangalore.

-Bangalore as shown in the analysis plays a significant role in making startup successful, it has the highest top 5 funded companies.

-Edtech has the highest funded company & also the most popular startup.