



SINDHI COLLEGE, CHENNAI-77.

DEPARTMENT OF MATHEMATICS

COURSE NAME: DATA ANALYTICS WITH TABLEAU.

PROJECT TITLE - A COMPREHENSIVE ANALYSIS OF FINANCIAL PERFORMANCE : INSIGHTS FROM LEADING BANKS.

TEAM LEADER: SIVAGAMI. S

TEAM MEMBERS: ADHIRSTARAJ. D

GOKULA KRISHNAN. G

SHALINI .D

NM ID: ASUNM119222001613

ASUNM119222001610

ASUNM119222001611

ASUNM119222001612

INTRODUCTION:

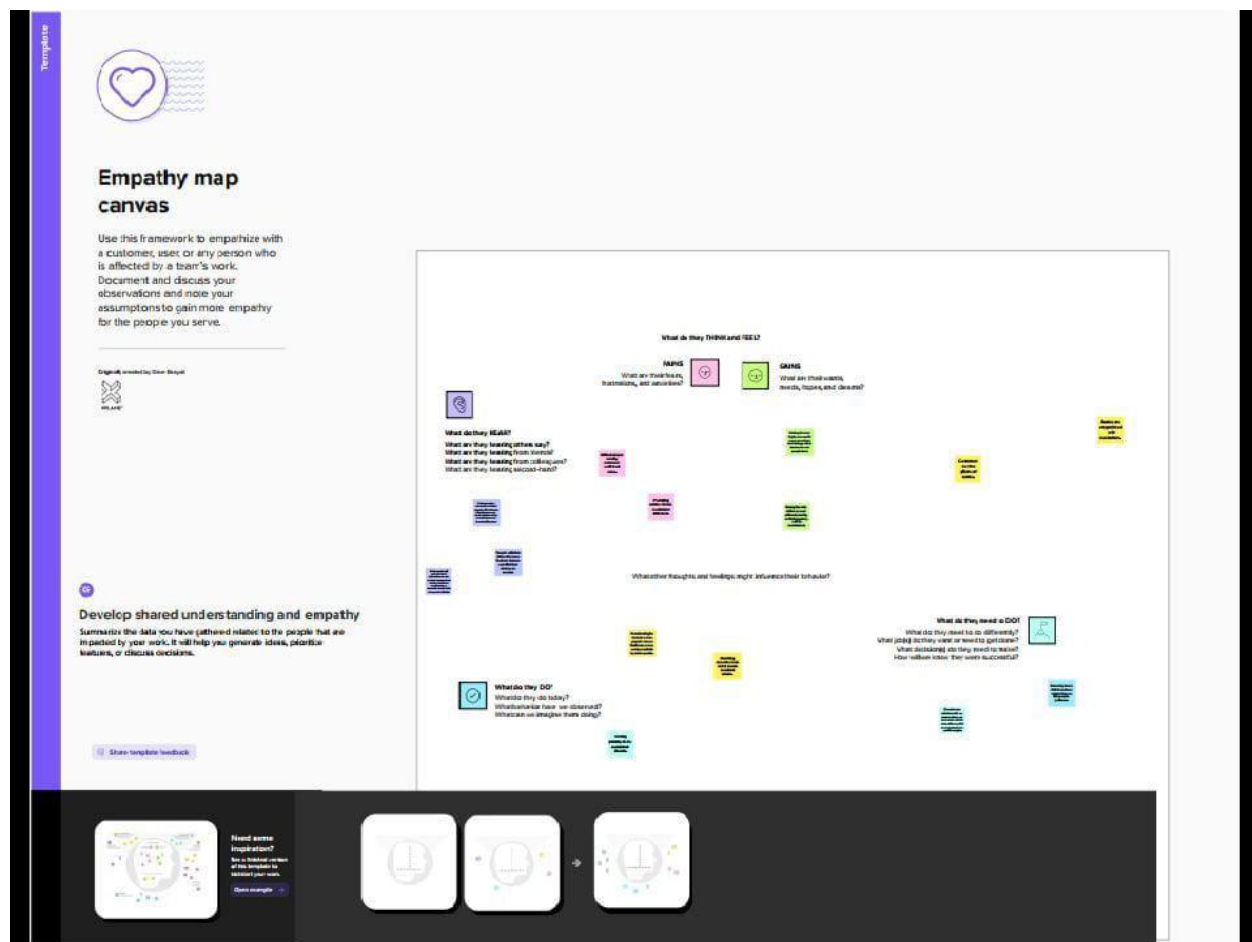
Financial performance analysis **includes analysis and interpretation of financial statements in such a way that it undertakes a full diagnosis of the profitability and financial**

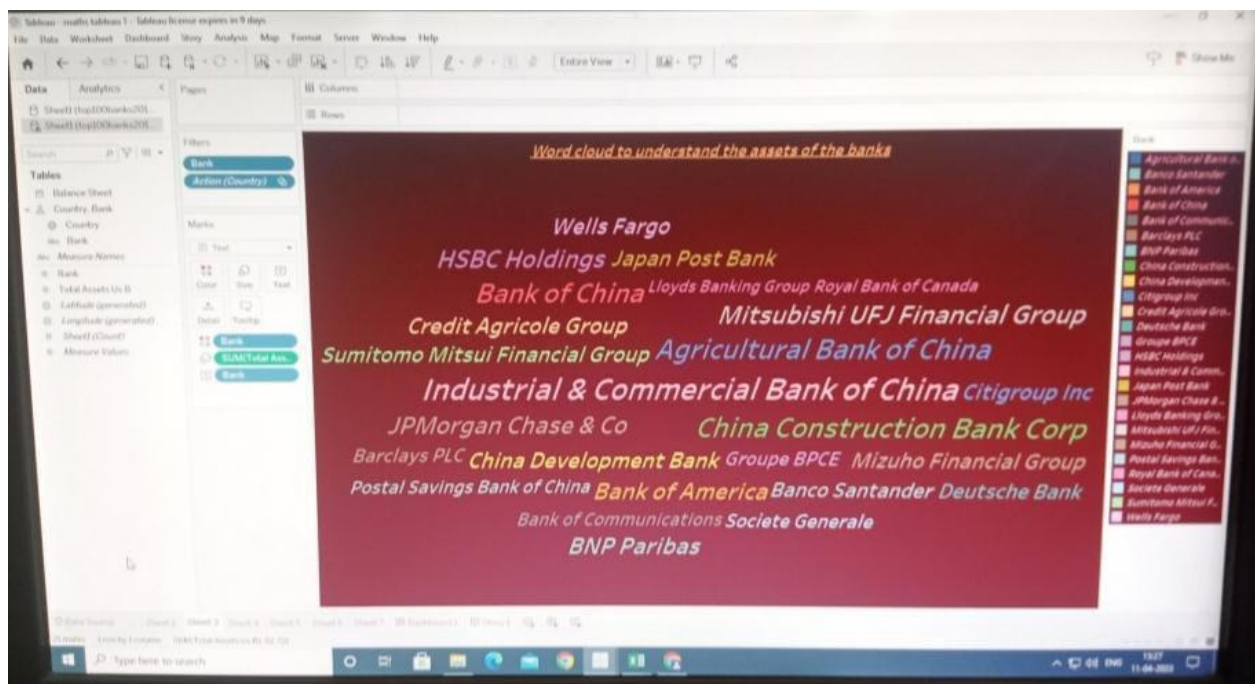
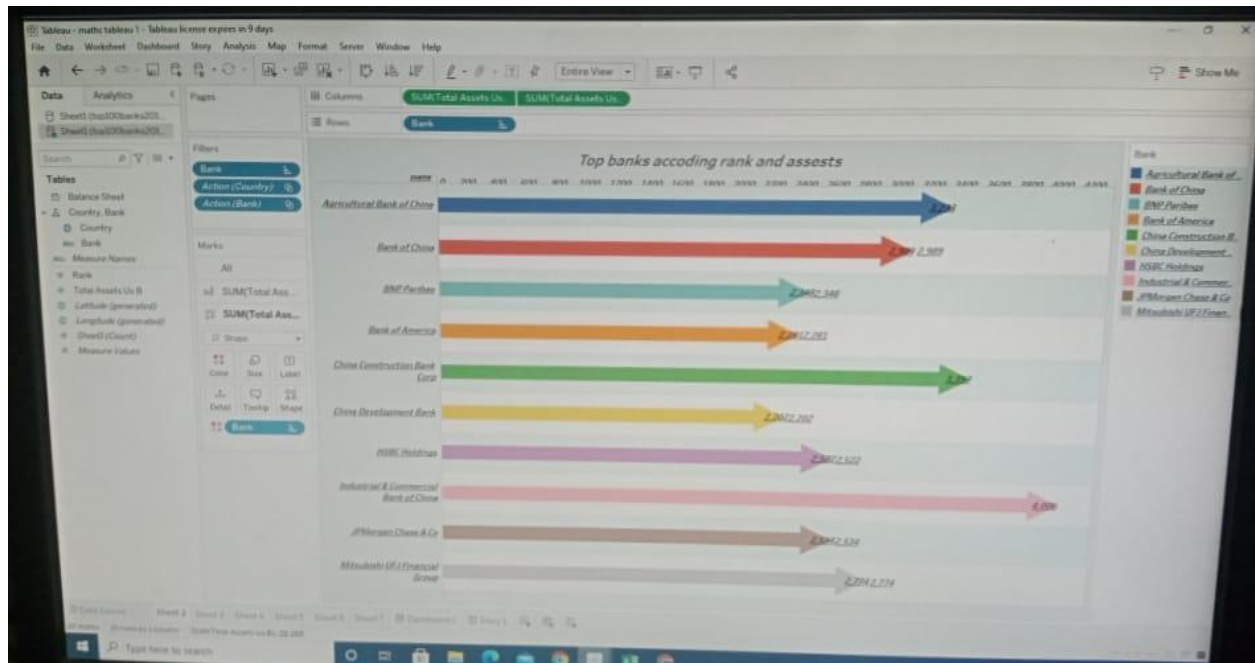
soundness of the business. The financial analyst program provides vital methodologies of financial analysis.

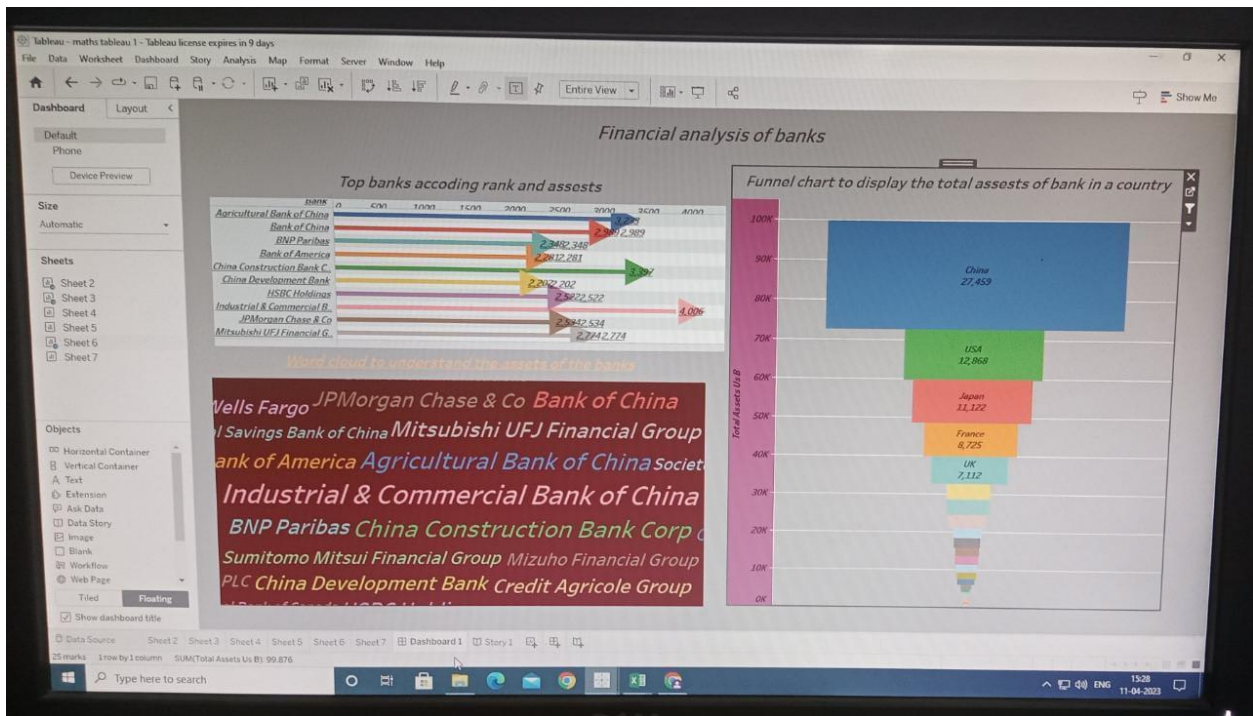
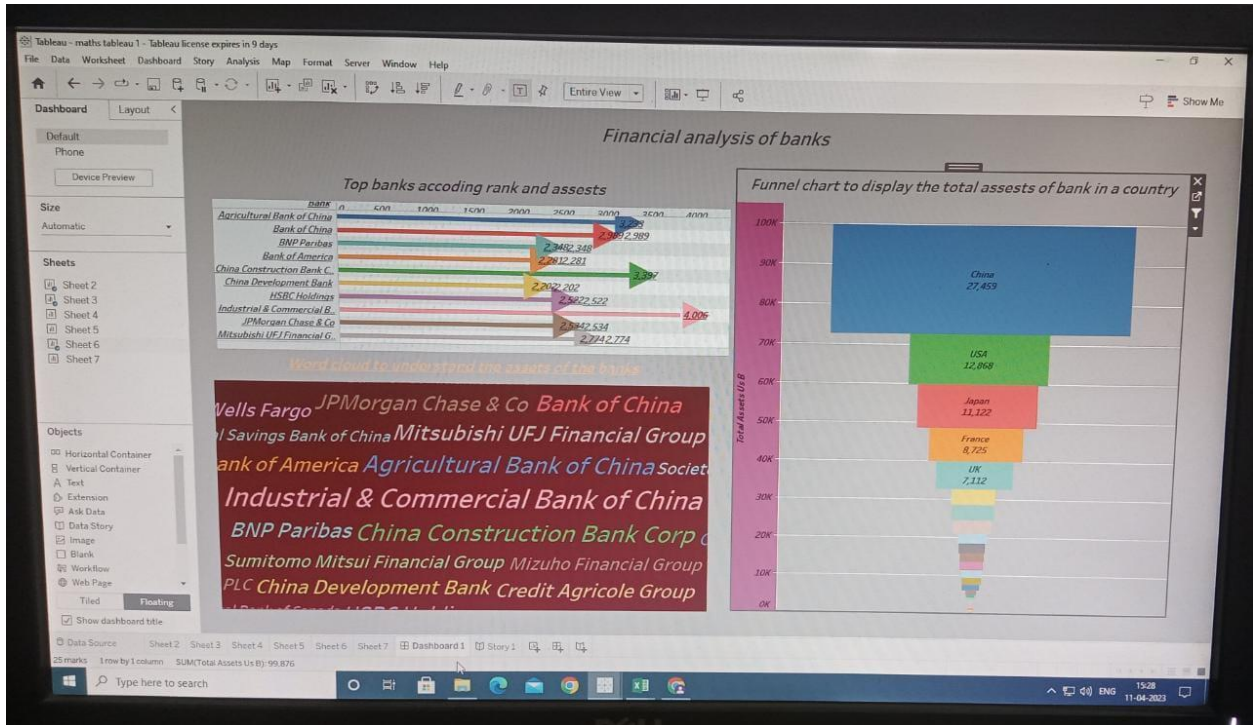
Tableau is a **visual analytics platform. It helps people and organization more data driven.** Tableau is a software that offers collaborative data visualization software for organizations working with business information analytics.

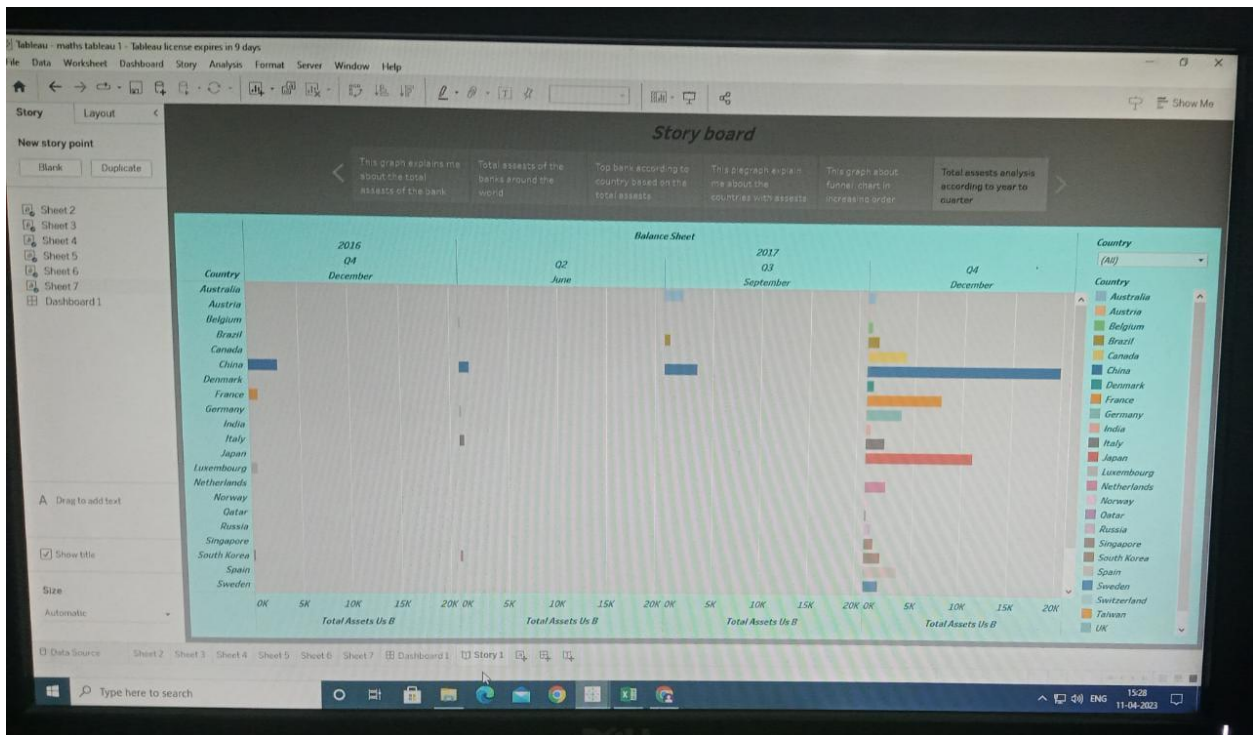
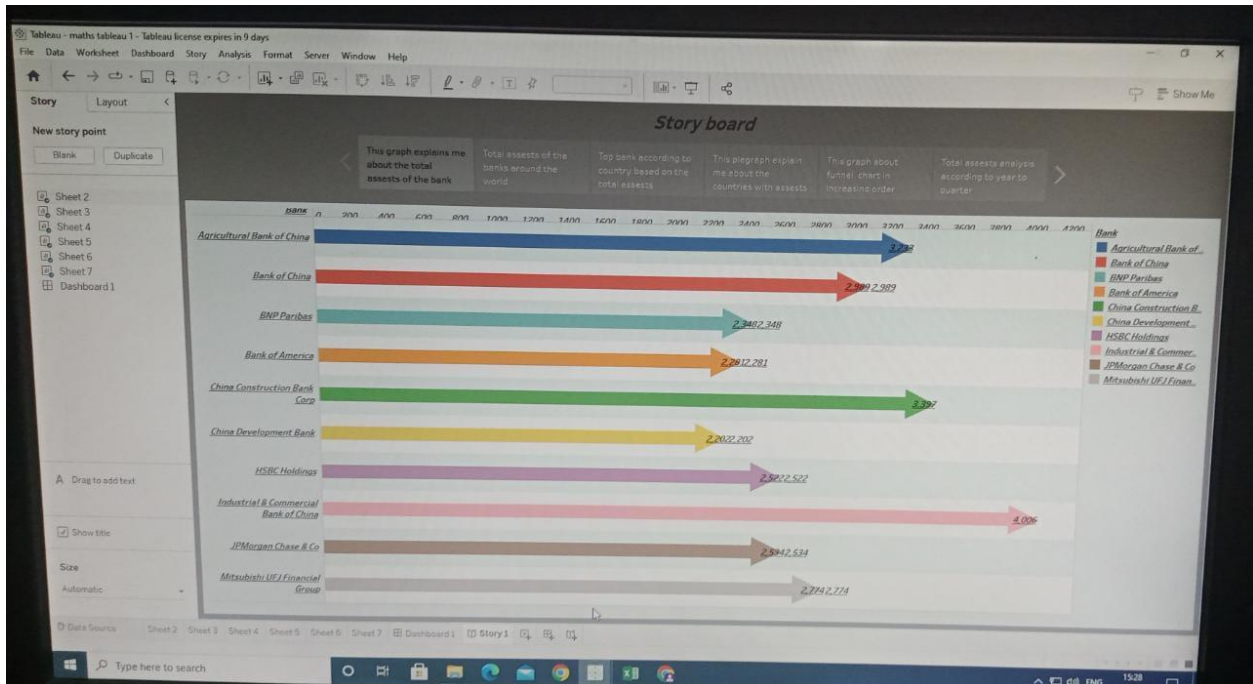
Empathy Map:

<https://app.mural.co/t/projectlb4535/m/projectlb4535/1681040899661/81a52dad886e150e76ef4dc1e238426f15571fc?sender=u21843d78f176c8bb1a8f3308>

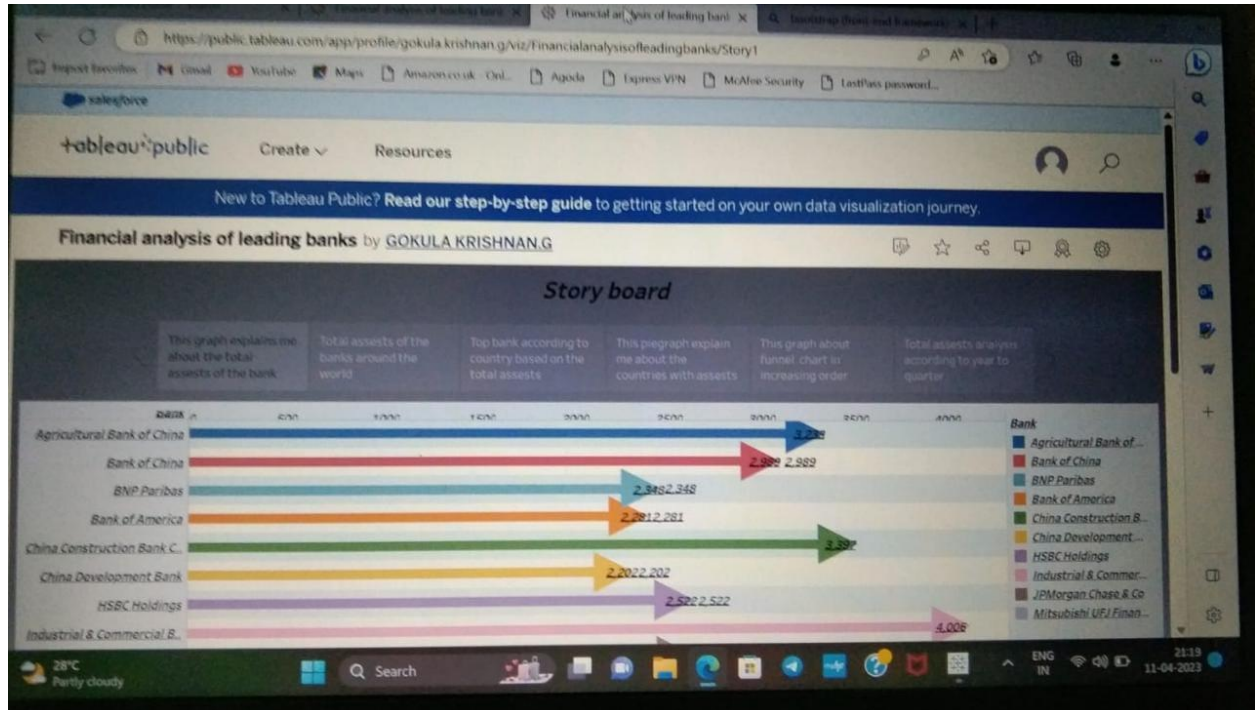
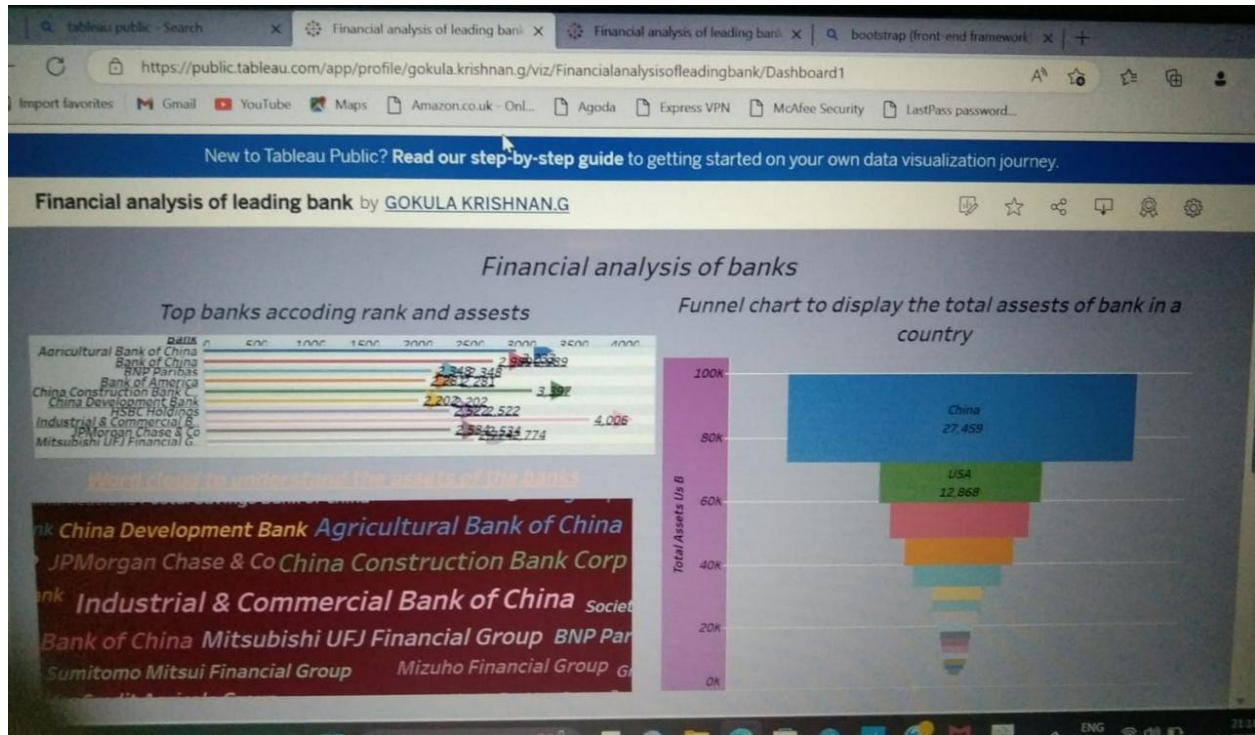








WEB INTEGRATION:



RESULT:

Thus, we represent the bank data as visual representation in tableau on the bases of

- ☐ Top banks according rank and assets.
- ☐ Top banks according to assets.
- ☐ Top banks according to country based on total assets.
- ☐ Top 10 countries with assets proportion.
- ☐ Country with total assets using funnel chart in increasing order.
- ☐ Total assets analysis according to year and quarter.

ADVANTAGES:

- ☐ Financial statements reveal how much a bank earns per year.
- ☐ It is easy to understand the financial state of a bank by visualization.
- ☐ It gives us a idea to rectify our defects by analyzing the financial statement.
- ☐ It helps us to setup a higher goal in successive years to upgrade the bank.
- ☐ Stay focused on relevance recent trends should be taken into consideration when analyzing financial information.

DISADVANTAGES:

- ☐ The financial analysis does not consider cost-price level changes.
- ☐ The financial analysis is ambiguous if the prior knowledge of the changes in accounting procedure followed by the bank is not known.
- ☐ Financial analysis is just a study of reports of the enterprise. It does not provide information on other aspects of the business.

- ☐ Monetary data alone is considered in financial analysis; non-monetary factors are overlooked.
- ☐ The financial analyses are outlined on the basis of accounting concept, so, it does not mirror the current position.

APPLICATIONS:

- ☐ Financial analysis used to calculate the financial risks in banks such as the interest rate risk, credit risk and operating risk.
- ☐ It helps to detect solvency. Solvency refers to the ability of bank to pay debts which includes principal and interest.
- ☐ It is used to understand return on net assets of banks and evaluate the value of a bank.
- ☐ It is also used to calculate the current asset turnover to show the capital utilization.

CONCLUSION:

The project “A comprehensive analysis of financial performance: Insights from a leading bank” has a main aim of analyzing banks data using data visualization techniques with the help of tableau.

In conclusion, from this project we can easily analyze the massive bank data by visual representations and it in simplest way.

FUTURE SCOPES:

- ☐ To avoid the mistakes.
- ☐ To convert manual to automation.
- ☐ Evolution of business intelligence.