A COMPREHENSIVE ANALYSIS OF FINANCIAL PERFORMANCE: INSIGHTS FROM A LEADING BANKS

Project submitted to Bharathiyar University in partial fulfilment of the requirements

for the award of the Degree of

B.Sc. MATHEMATICS

Submitted By

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ERODE - 638 004

APRIL 2023



1.INTRODUCTION

1.1 Overview

The banking industry world-wide is being transformed.this session introduces the financial statements of banks and provides a traditional ratio-based procedure for analyzing bank financial performance using historical data. It demonstrates the banks & the banks are ordered on the basis oh their performance. Data are provided that compare the performance characteristics of small banks versus large banks and differentiate between high and low performs.

1.2 Purpose

A bank is a financial institution which is involved in borrowing and leading money. Banks plays an important role in the economy for offering a service for people wishing to save.

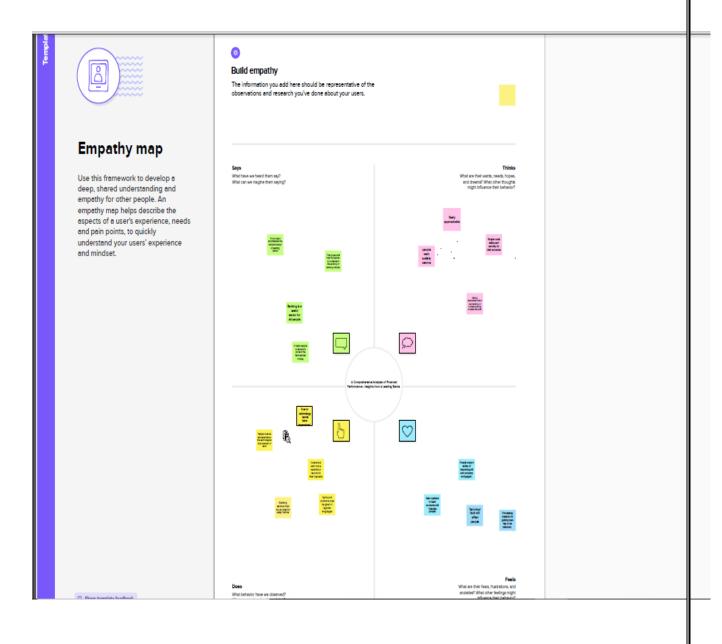
Through this project banks are ranked according to the data provided. Consequently, money is invested in the banks which other higher profit.

With the classification of banks, the lower bank is provided with the opportunities and modalities from the higher banks.

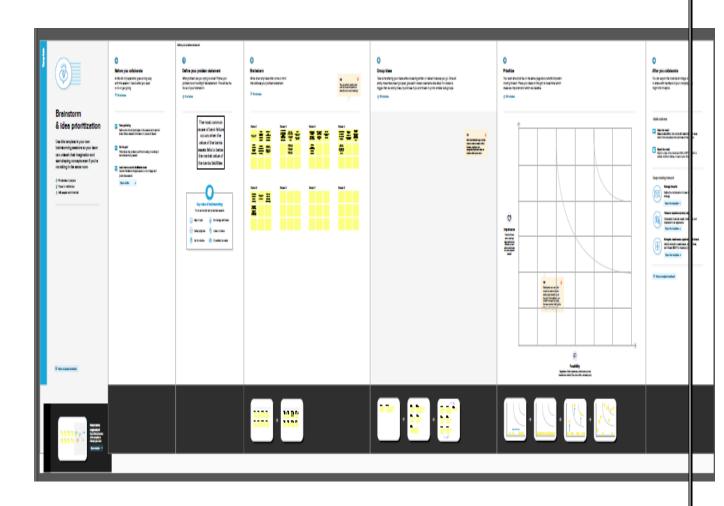
This project becomes useful as it enables the banks to enhance themselves and achieve the top most position.

1. PROBLEM DEFINITION & DESIGN THINKING

2.1 Empathy Map

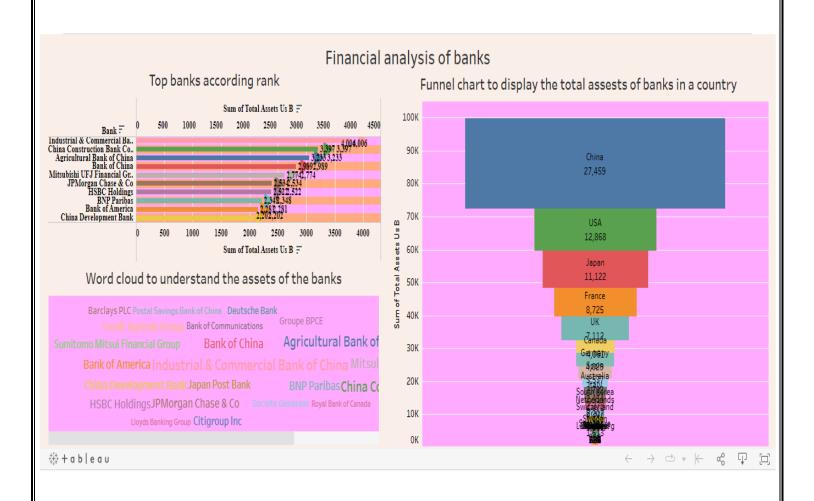


2.2 Ideation & Brainstorming Map

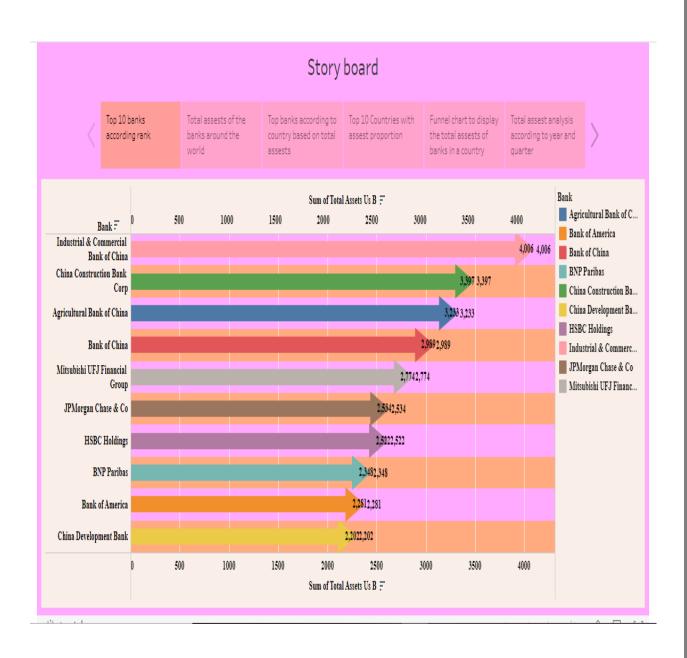


3. RESULT

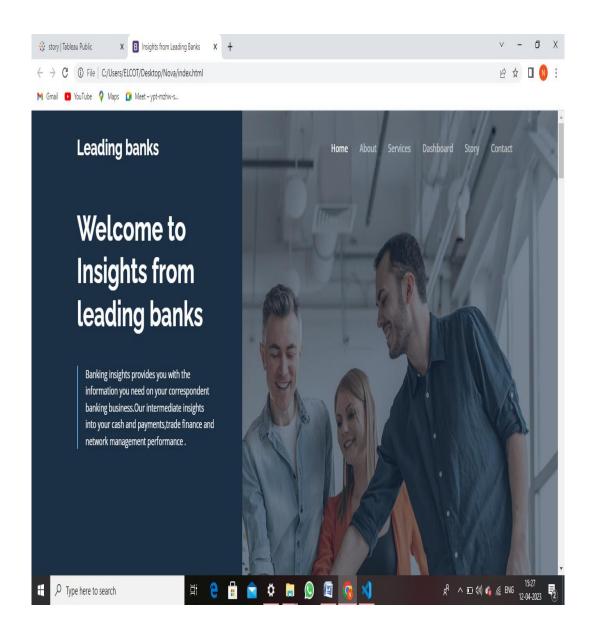
Dashboard



Story



Web Application



4.ADVANTAGES & DISADVANTAGES

ADVANTAGES:

- 1. RISK MANAGEMENT
- 2. INVESTMENT DECISIONS
- 3. REGULATORY COMPLIANCE

1. RISK MANAGEMENT:

One of the main advantages of bank analysis is that it allows for effective risk management. By analyzing a bank's financial statements and performance metrics, analysts can identify potential risks and take steps to mitigate them. This can help banks avoid financial losses and maintain a healthy balance sheet.

2. INVESTMENT DECISIONS:

Bank analysis provides valuable information for investors who are considering investing in a particular bank. By analyzing a bank's financial statements and performance metrics, investors can make informed decisions about whether to invest in the bank and at what level.

3. REGULATORY COMPLIANCE:

Banks are subject to strict regulatory requirements, and bank analysis can help ensure that they are complying with these requirements. By monitoring a bank's financial performance and risk management practices, analysts can identify areas where the bank may be falling short and recommend corrective action.

DISADVANTAGES:

- 1. COMPLEX FINANCIAL STATEMENT
- 2. LIMITED INFORMATION
- 3. UNFORESEEN RISKS
- 4. LIMITED SCOPE

1. COMPLEX FINANCIAL STATEMENTS:

Bank financial statements can be complex and difficult to analyze, especially for those who are not familiar with accounting and finance. This can make it challenging for analysts to interpret the information and draw accurate conclusions.

2. LIMITED INFORMATION:

Banks are not always forthcoming with information, and may withhold or obscure certain data. This can make it difficult for analysts to get a complete picture of a bank's financial health and performance.

3. UNFORESEEN RISKS:

Bank analysis can help identify potential risks, but it cannot predict all possible risks. Banks can face unforeseen risks, such as a sudden economic downturn or a cybersecurity breach, which can cause financial losses and damage their reputation.

4. LIMITED SCOPE:

Bank analysis typically focuses on a bank's financial performance and risk management practices, but it may not consider broader issues such as the bank's social and environmental impact. This can limit the scope of analysis and overlook important factors that may be relevant to stakeholders.

5.APPLICATIONS

Bank analysis provides valuable insights into the financial health of banks, and these insights can be applied to a variety of areas.

Here are some of the areas where bank analysis solution can be applied:

The solution provided by bank analysis can be applied to a wide range of areas, including investment decision making, credit risk management, regulatory compliance, mergers and acquisitions, and risk management. By leveraging bank analysis solutions, stakeholders can make informed decisions about investment, lending, and risk management.

6. CONCLUSIONS:

In conclusion, a comprehensive analysis of financial performance is essential for understanding the strengths and weaknesses of leading banks. By identifying key performance indicators and assessing performance relative to

industry benchmarks, analysts can gain valuable insights into a bank's financial health and identify potential risks and opportunities.

7. FUTURE SCOPE:

The future scope of bank analysis is likely to becharacterized by agreater focus on data analytics, cybersecurity risk analysis, ESG analysis, real time monitoring, and the integration of non financial data. By embracing these trends, banks can improve their risk management, desion making, and overall financial performance.

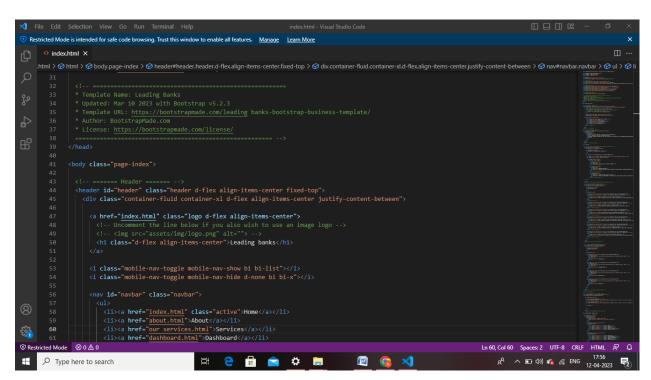
8. APPENDIX

A.Source code

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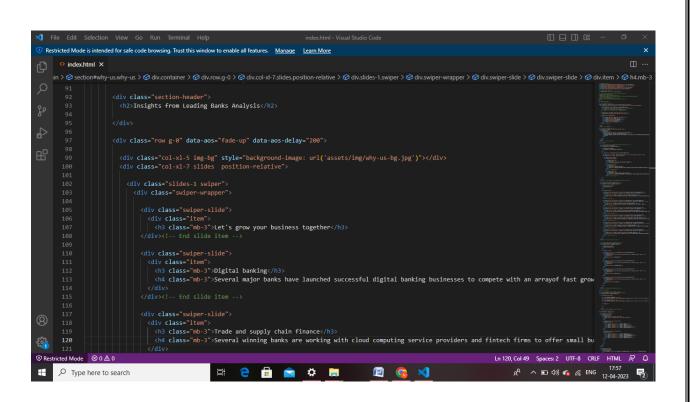
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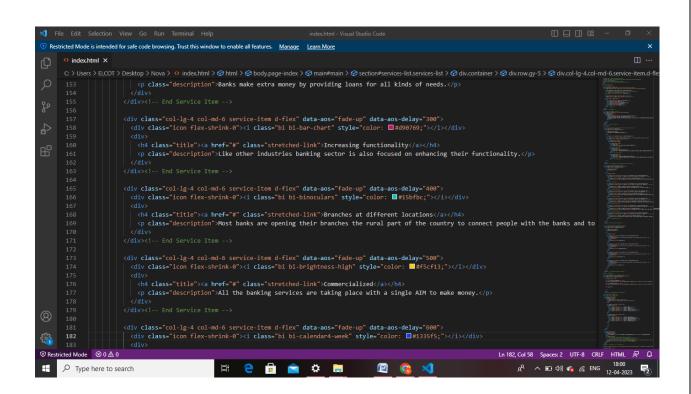
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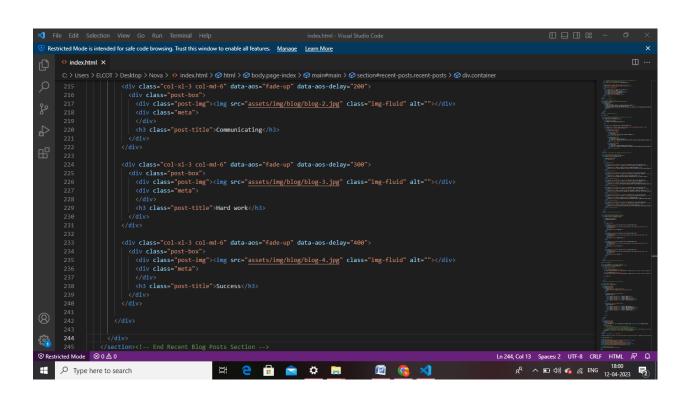
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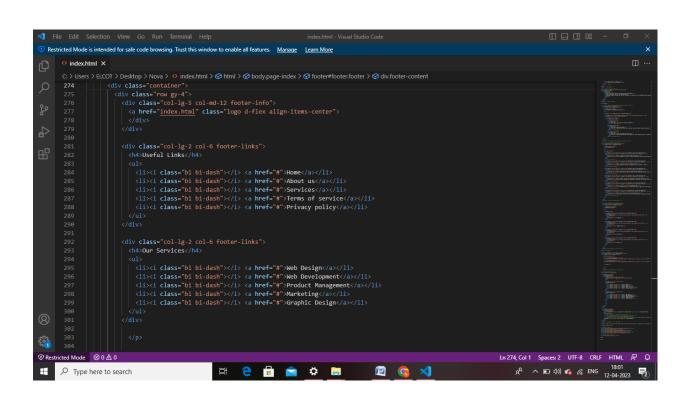
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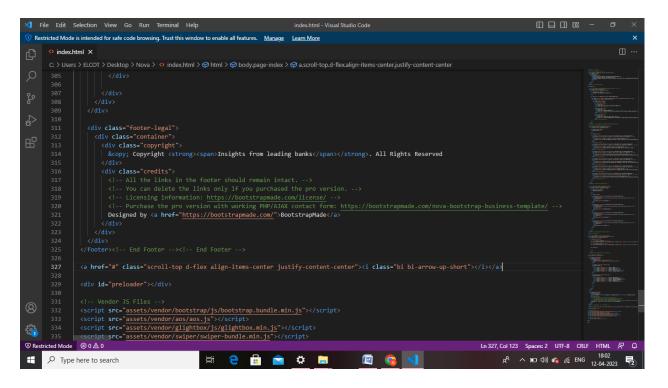
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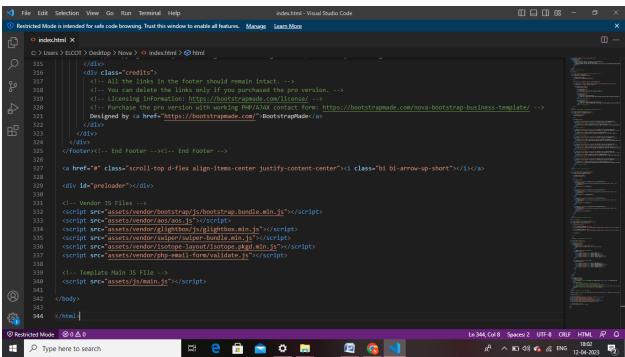


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Thank You