

Rajah Serfoji Government College
Thanjavur - 613005



BACHELOR OF SCIENCE IN PHYSICS

DEPARTMENT OF PHYSICS



Data Analytics With Tableau

Project Title:

Estimation of Business Expense

Meet MY Team

NAME	NMID	POSITION
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1. Introduction Overview:

In this section, provide a general Introduction to the project, its scope, and Relevance to the business.

Project Introduction:

Introduce the project, Its purpose, and its significance to the business.

Business Overview:

Provide a brief overview of the business, its industry, and its financial goals.

Purpose:

Explain the specific objectives and goals of the project, outlining why estimating business expenses is essential.

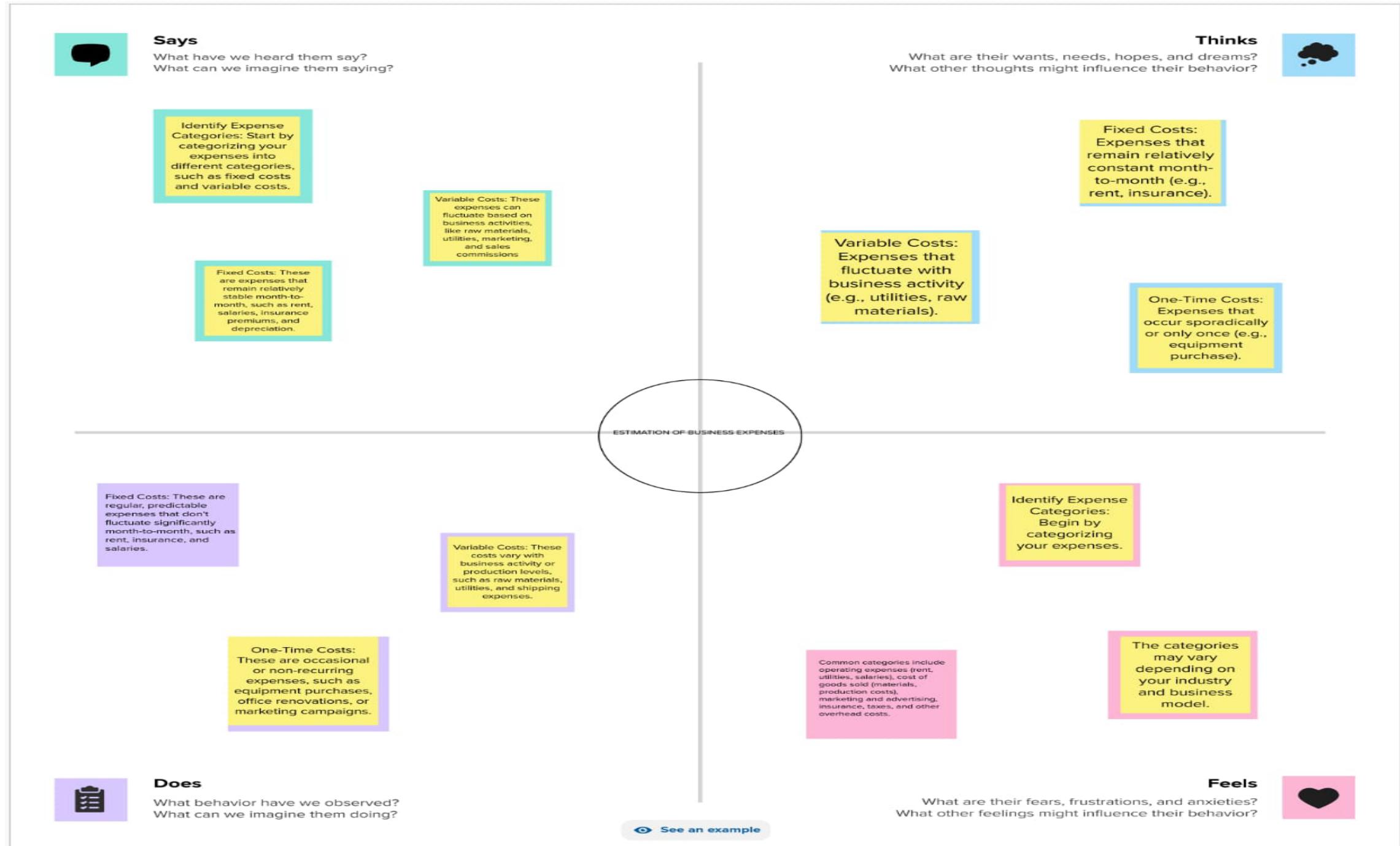
Objective:

Clearly state the purpose of the project, i.e., to estimate and analyze business expenses.

Rationale: Explain why accurate expense estimation is crucial for the business's financial health and strategic planning

2. Problem Definition & Design Thinking

Empathy Map:



Brainstorm Idea Prioritization:

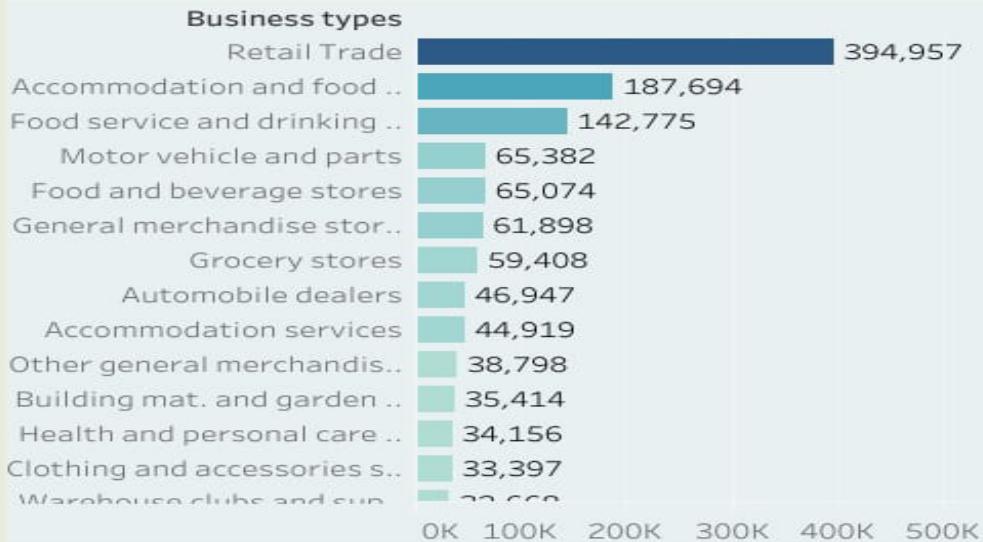


3.Results:

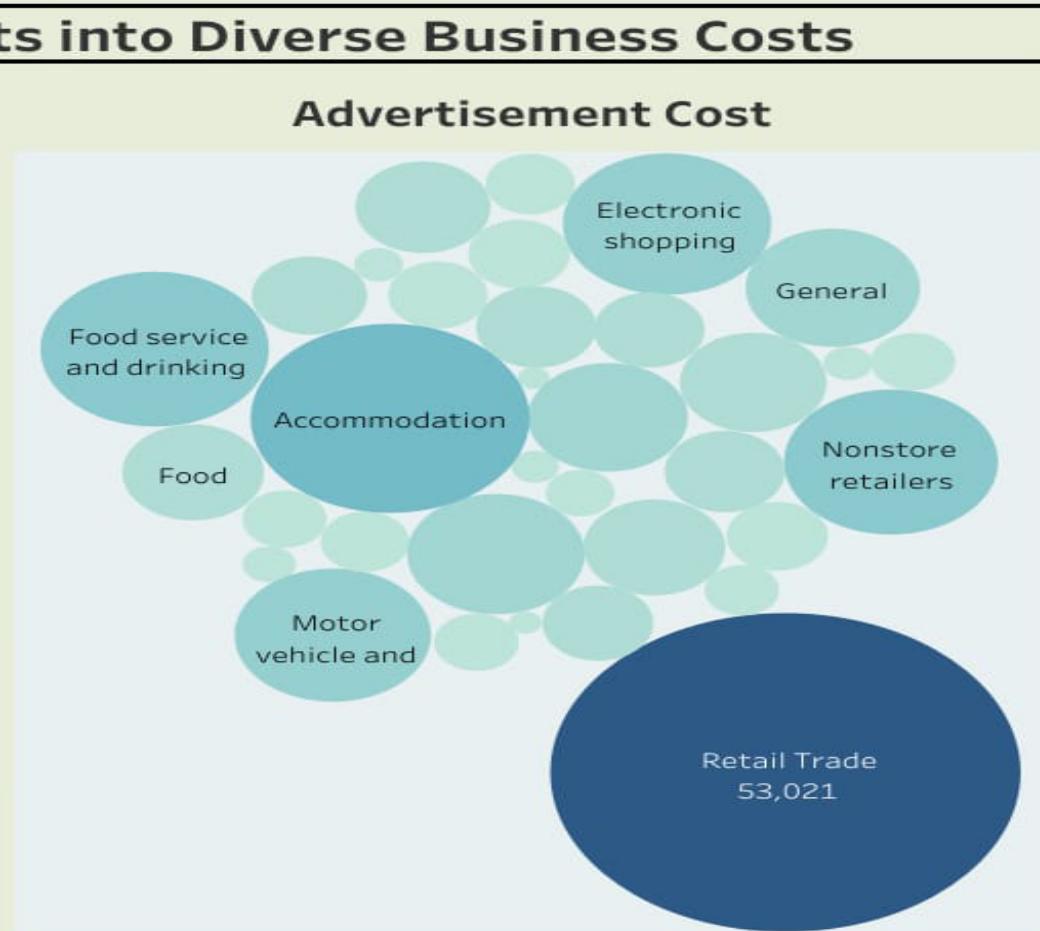
Dashboard 1

Expense Breakdown : Insights into Diverse Business Costs

Annual Pay Roll



Advertisement Cost



Maintenance of buildings



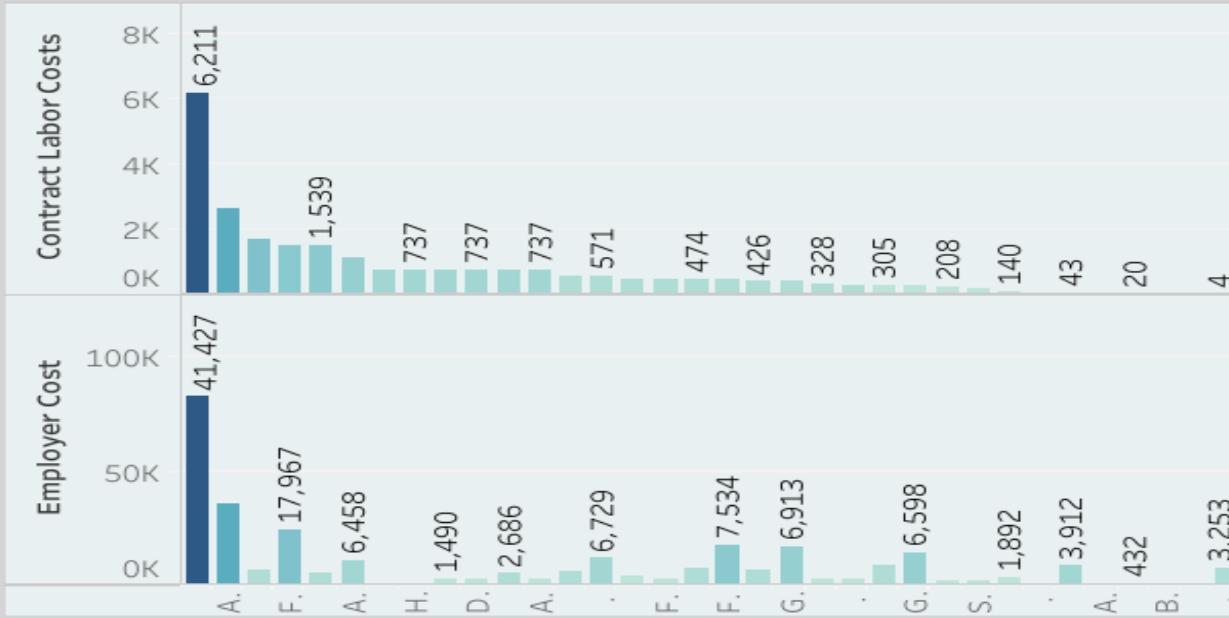
Expenses YoY Kind Of Bus..



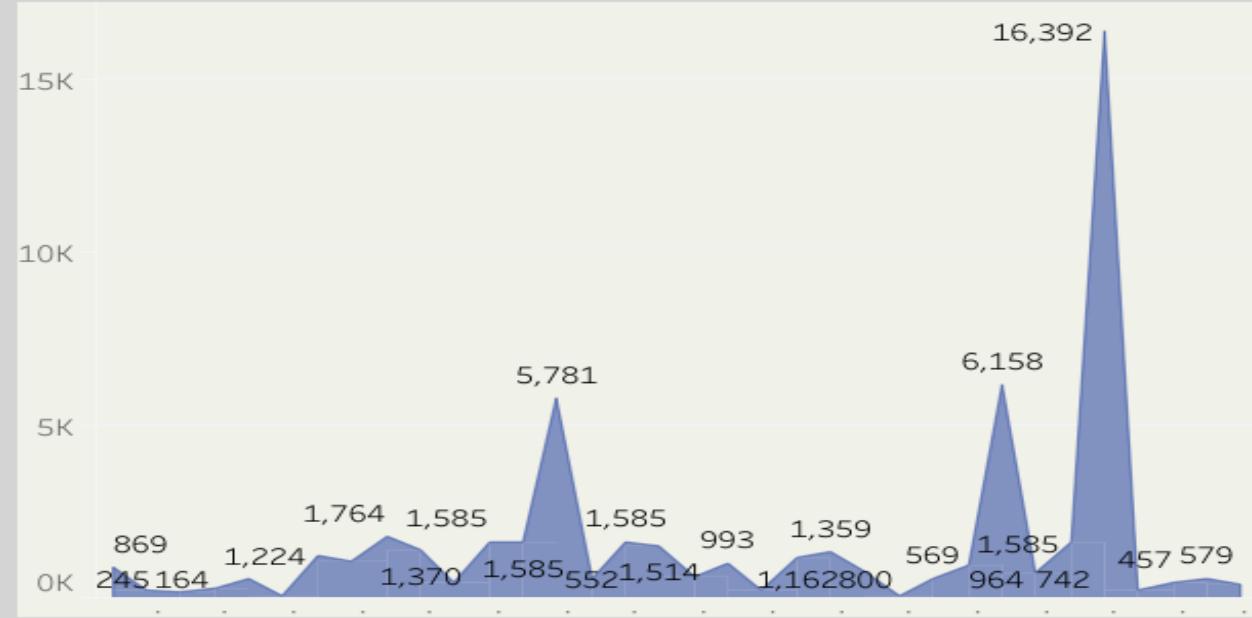
Dashboard 2

Business Expenditure Overview

Contract Labour Vs Employee



Transportation and Warehousing



Fuel



Advertisement Cost

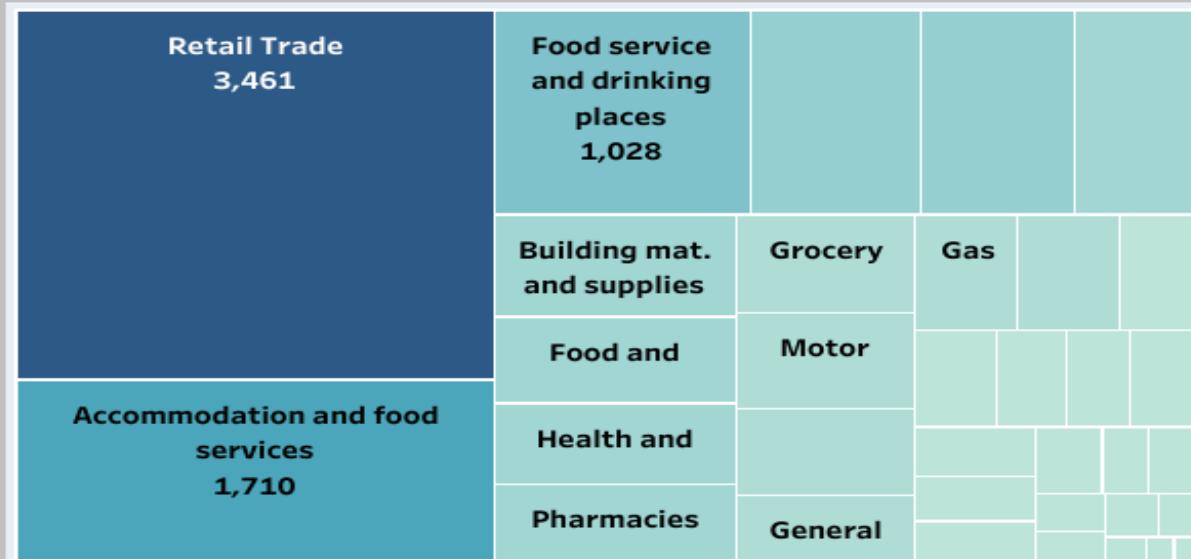


Dashboard 3

Expense Insights

Re..
BOK

Rental Payment Machinery



Employee (Insurance Vs Pension)



Taxes & Licenses

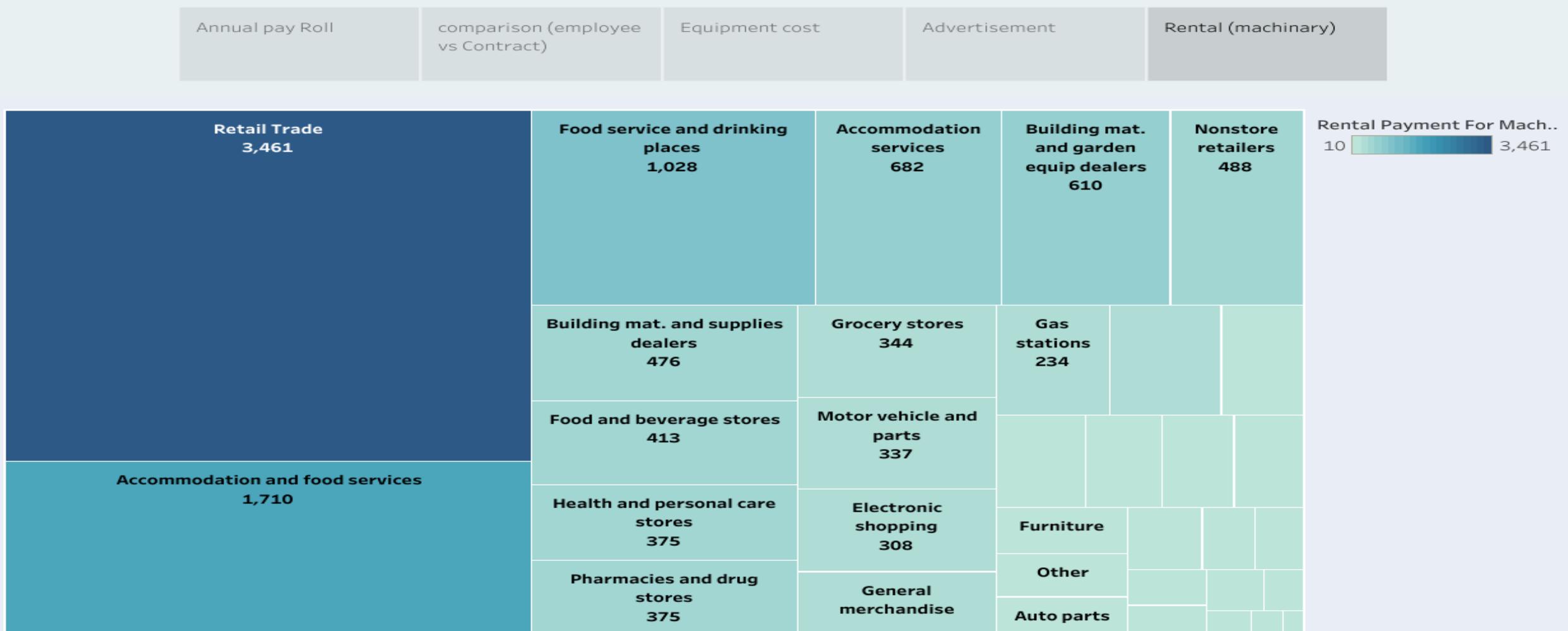


Power Expenditure



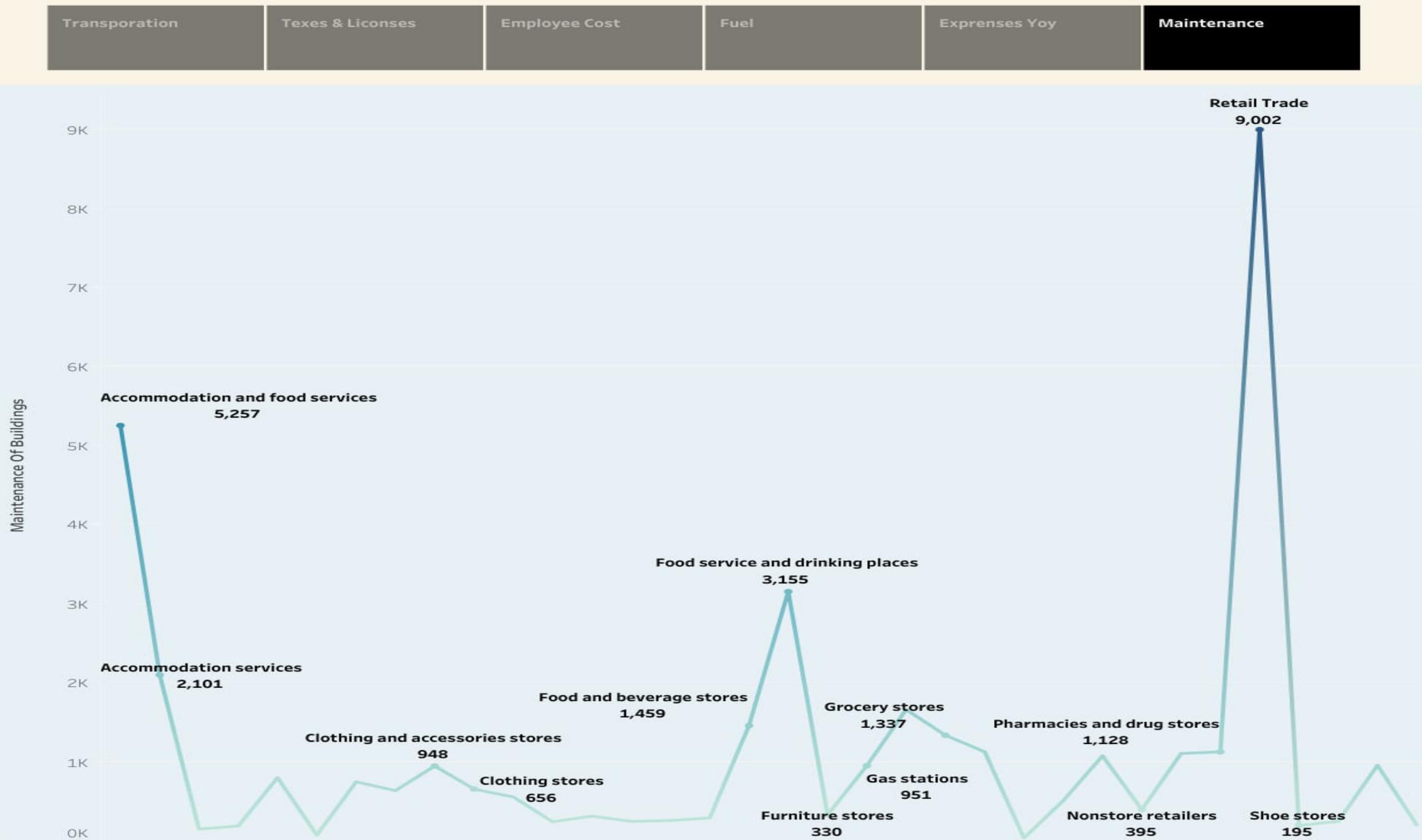
Story 1:

Expenses_1



Story 2:

Expenses_2



4. Advantages And Disadvantages:

Advantages:

Cost Control:

Accurate expense estimation allows for better control and management of costs.

Financial Planning:

Helps in effective financial planning and resource allocation.

Decision Making:

Provides a basis for informed decision-making and goal setting.

Disadvantages:

Inaccuracy:

Overly optimistic or pessimistic estimates can lead to financial instability.

Data Complexity:

Estimating expenses can be challenging due to variable factors.

Resource Intensive:

The process of estimation may require significant time and resources

5. Application:

Describe how the estimation of business expenses is applied in practice within the business context.

- ❖ Expense Categories:

Categorize expenses, such as fixed, variable, operational, marketing, and personnel.

- ❖ Data Sources:

Explain where the data for expense estimation is sourced from (e.g., historical financial records, market research).

- ❖ Tools and Methodology:

Discuss the methods and tools used for expense estimation, including any software or models

6. Conclusion

Summarize the key findings and the importance of expense estimation in business.

Key Takeaways:

Recap the main points discussed in the report.

Significance:

Highlight the significance of accurate expense estimation for business success.

7. Future Scope:

Discuss potential future developments and areas of improvement related to the estimation of business expenses.

Technology Integration:

Explore the possibility of utilizing advanced technology (e.g., AI, machine learning) for more accurate predictions.

Continuous Monitoring:

Consider implementing systems for continuous expense monitoring and adjustment.

Data Analysis:

Invest in data analytics to extract insights and trends from expense data.

Risk Mitigation:

Develop strategies to mitigate risks associated with inaccurate expense estimation.

Integration with Strategic Planning:

Discuss how expense estimation can be better integrated with long-term strategic planning.