

# A PROJECT REPORT

## ON

# ESTIMATION OF BUSINESS EXPENSES



Session: 2021 to 2024

Department of B.sc Mathematics,  
MMES Women's Arts and Science Collage,  
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Submitted to:  
**Yogambigai**  
Head of the Department

Submitted by:  
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Seema Badar T.Y. (34621U25019)  
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# **CERTIFICATE**

This is certified that project untitled **ESTIMATION OF BUSINESS EXPENSES**

**Which is submitted by**

Ayisha siddiga M.J. (34621U25001)  
Seema Badar T.Y. (34621U25019)  
Sharmila (34621U25020)  
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B.Sc. III-year, Mathematics, MMES Women's Arts and Science Collage,  
Hakeem Nagar, Melvisharam.

For award of the Bachelor in Science, is a bonfide record of work carried out by  
them under guidance of **Yogambigai**.

## **1. INTRODUCTION**

### **1.1 Overview:**

**A brief description about your project**

### **1.2. Purpose:**

**The use of this project. What can be achieved using this.**

## **2. Problem Definition & Design Thinking:**

### **2.1. Empathy Map:**

**Paste the empathy map screenshot**

### **2.2. Ideation & Brainstorming Map:**

**Paste the Ideation & brainstorming map screenshot**

## **3. RESULT:**

**Final findings (Output) of the project along with screenshots.**

## **4. ADVANTAGES & DISADVANTAGES:**

**List of advantages and disadvantages of the proposed solution**

## **5. APPLICATIONS:**

**The areas where this solution can be applied**

## **6. CONCLUSION:**

**Conclusion summarizing the entire work and findings.**

## **7. FUTURE SCOPE:**

**Enhancements that can be made in the future.**

## **8. APPENDIX:**

**A. Source Code Attach the code for the solution built.**

## **1. INTRODUCTION**

### **OVERVIEW:**

- This report delves into the fascinating realm of business expenses and provides a visual exploration of the various expenditures incurred by different business.
- It showcases the distribution of expenses, identifies key cost drivers, and highlights areas of potential optimization or concern.
- The visual representation allow for intuitive analysis, facilitating a deeper understanding of expenditure pattern and their implications for business performance.
- To extract the insights from the data and put the data in the form of visualizations, Dashboards and story we employed tableau tool.

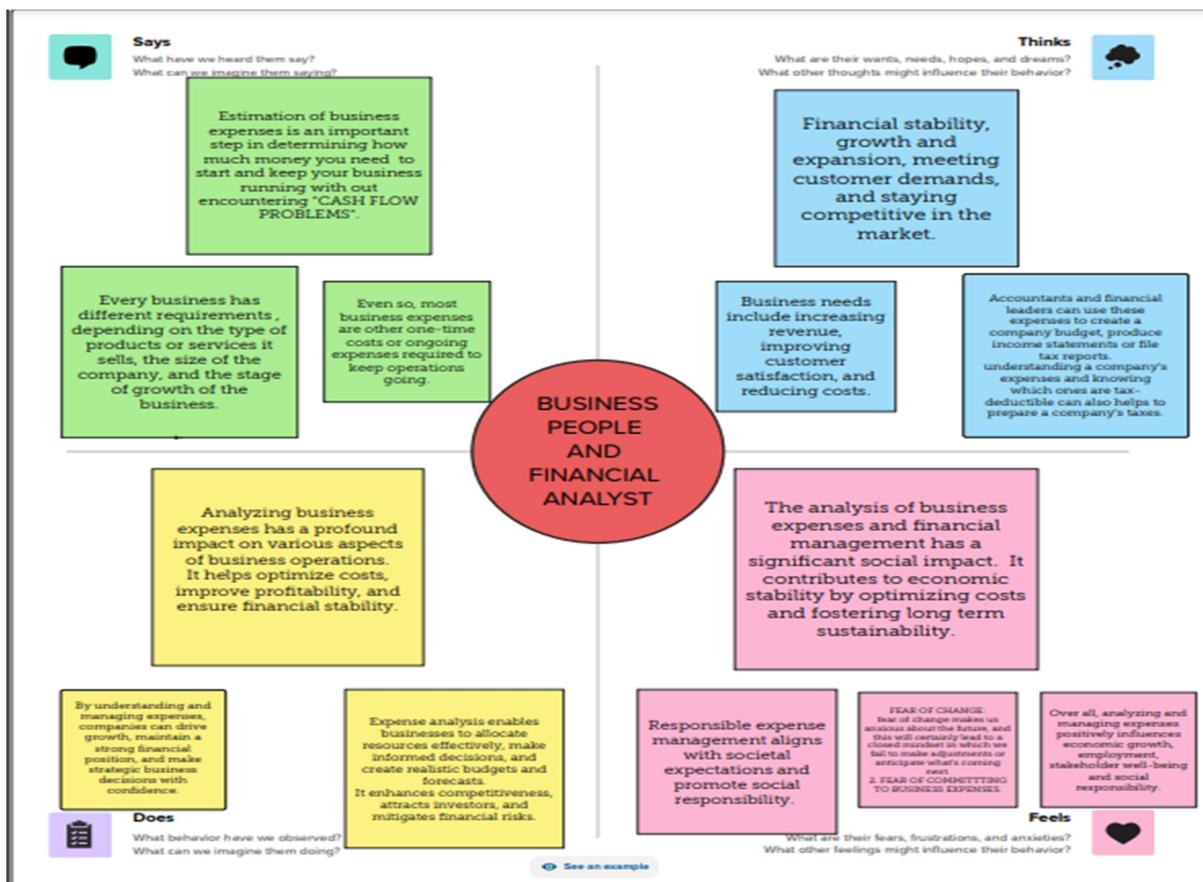
## **PURPOSE:**

- The purpose of an estimate is to help a business plan for and successfully complete projects.
- Stronger client relationships.
- Estimate profits.
- Improved resources management.
- Checking profitability.
- Conduct cost research.
- More accurate planning.
- Understand the project requirement
- Help estimate a completion date.

## 2. PROBLEM DEFINITION & DESIGN THINKING

### EMPATHY MAP:

This is the empathy map we done. We include our new strategies.

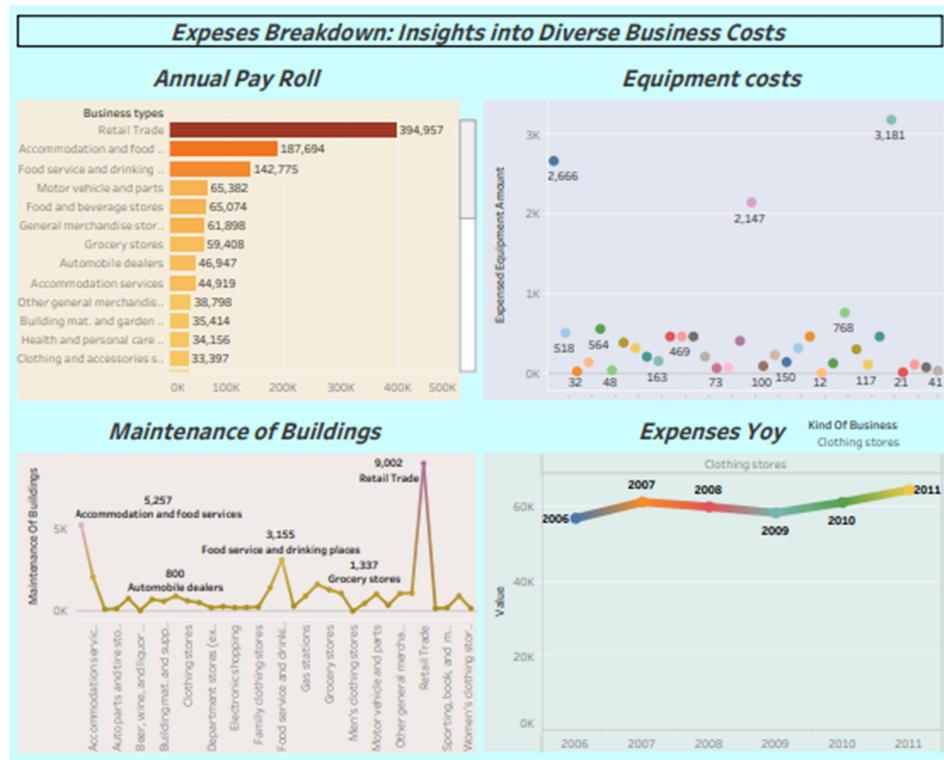


# IDEATION & BRAINSTORMING MAP:

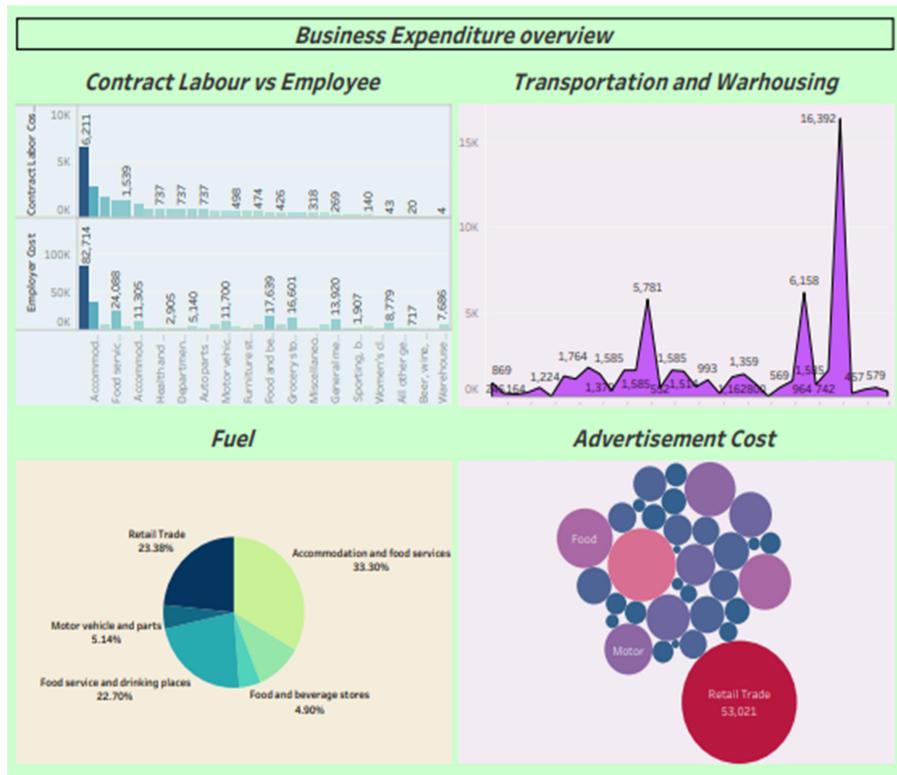
This is the Ideation and Brainstorming map we done.

# 3. RESULT

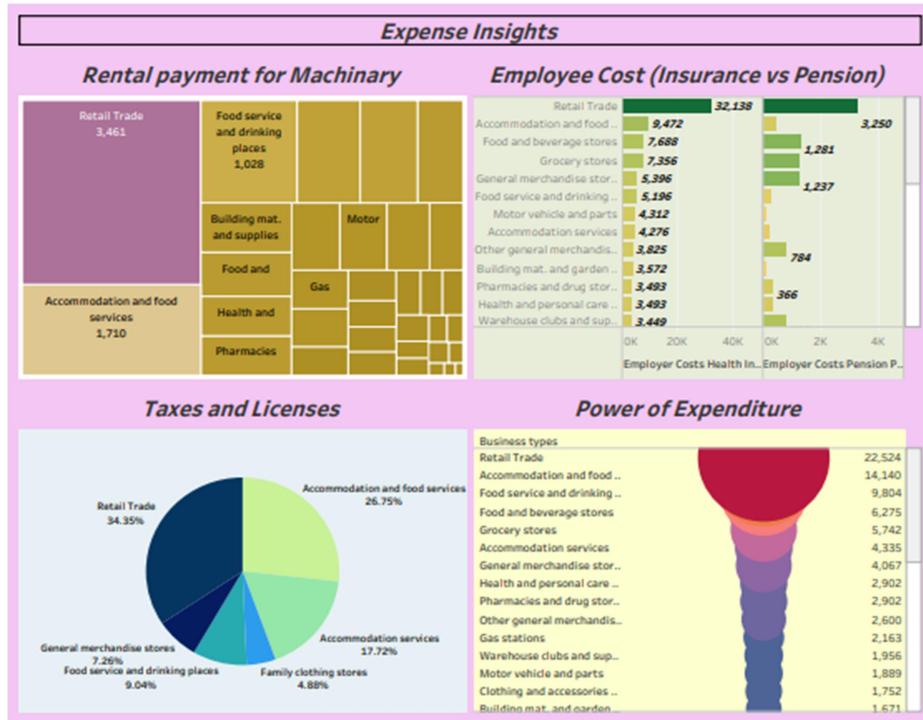
## DASHBOARD 1:



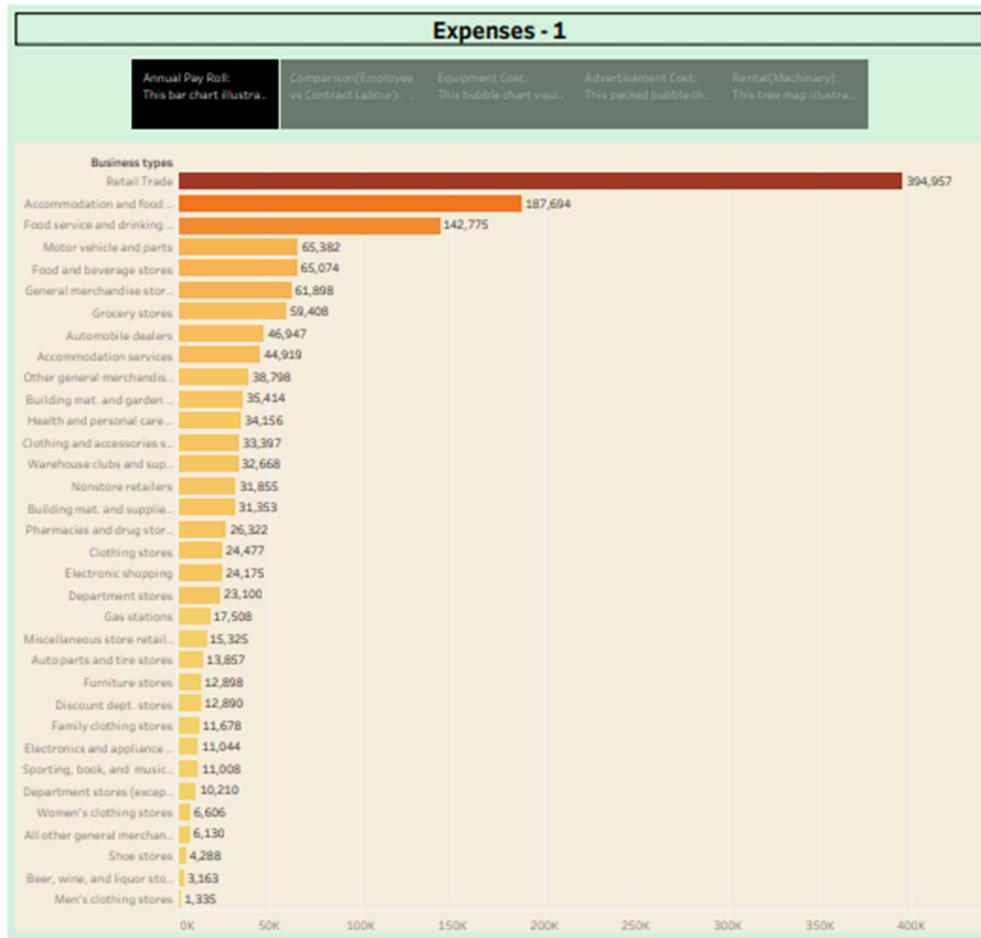
## DASHBOARD 2:



## DASHBOARD 3:



# STORY 1:



## Expenses - 1

Annual Pay Roll:  
This bar chart illustr...

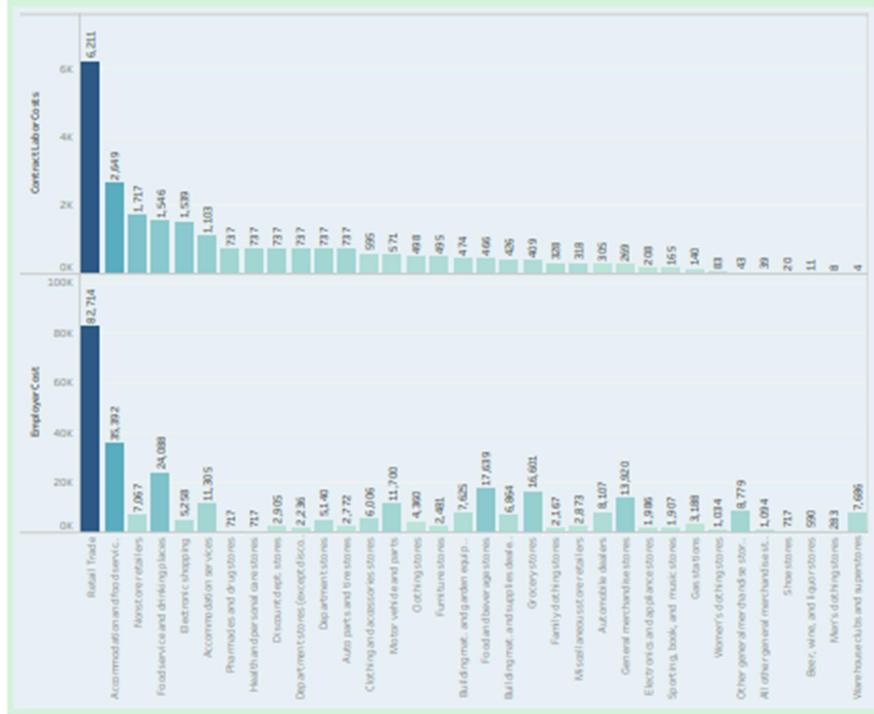
Comparison(Employee  
vs Contract Labour): -

Equipment Cost:  
This bubble chart vis...

Advertisement Cost:  
This packed bubble ch...

Rental(Machinery):

This tree map illustr...



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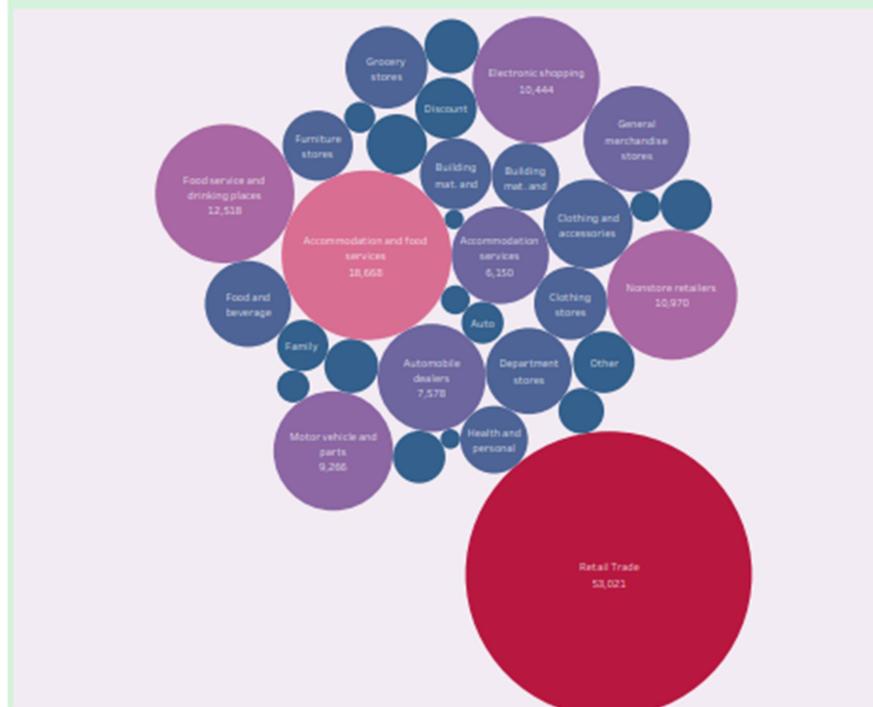
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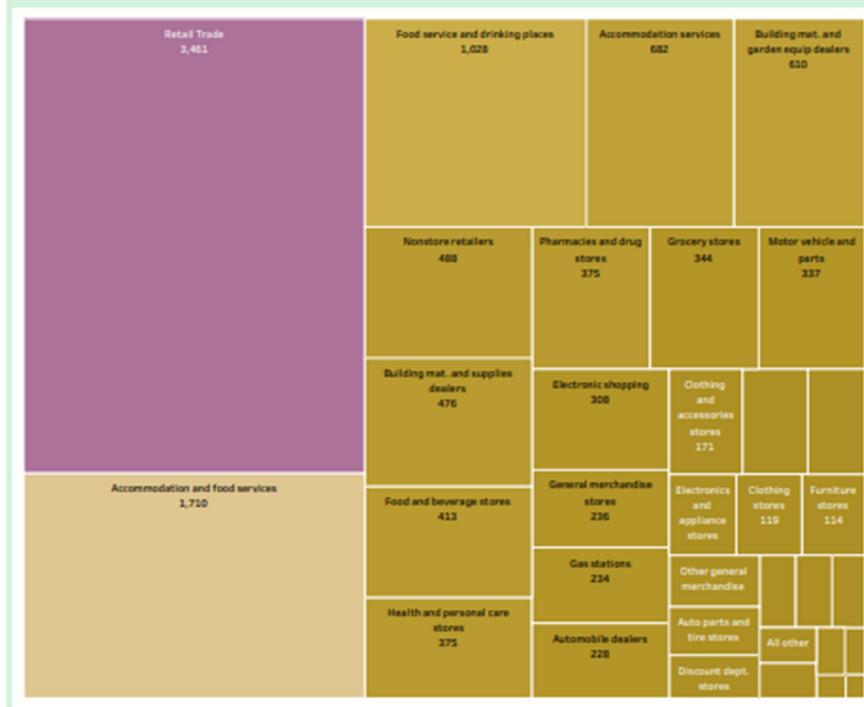
### Expenses - 1

Annual Pay Roll: This bar chart illustrates the annual pay roll for various industries.  
 Comparison[Employee vs Contract Labour]: This bubble chart visualizes the ratio of employees to contract labor.  
 Equipment Cost: This bubble chart visualizes equipment costs across different sectors.  
 Advertisement Cost: This packed bubble chart visualizes advertisement costs.  
 Rental/Machinery: This tree map illustrates the distribution of rental and machinery expenses.

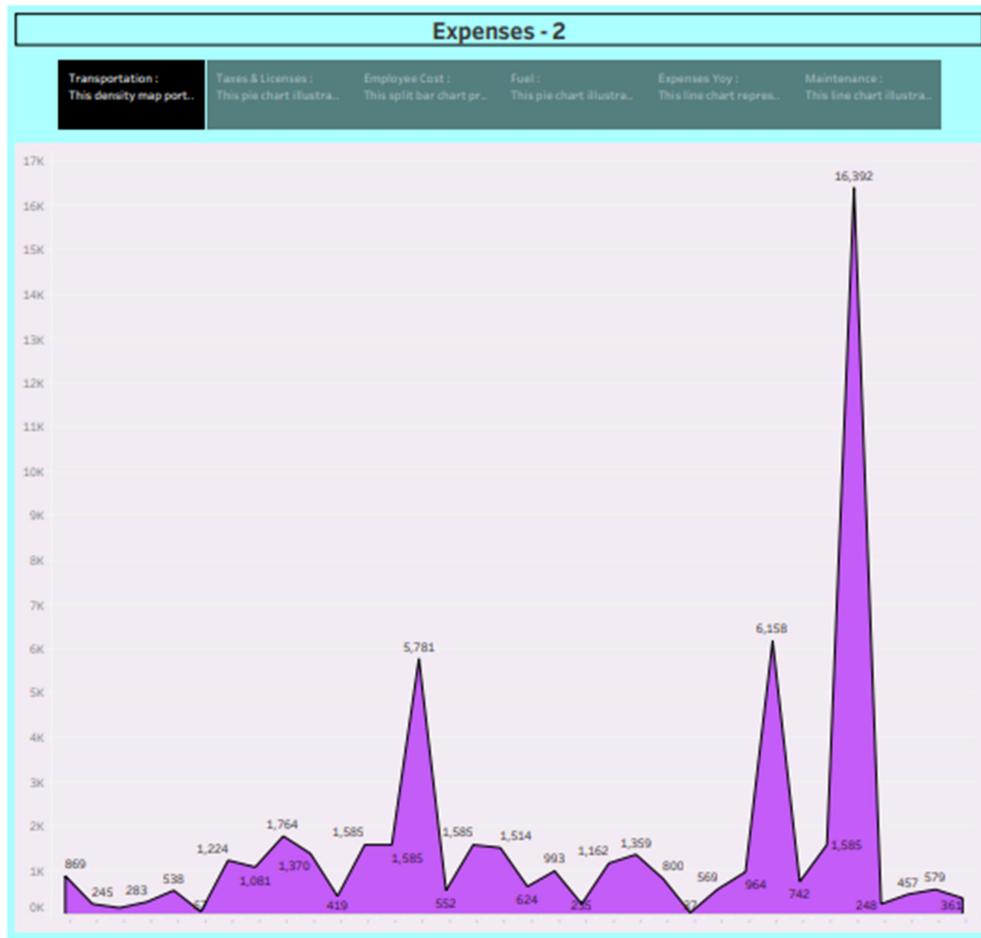


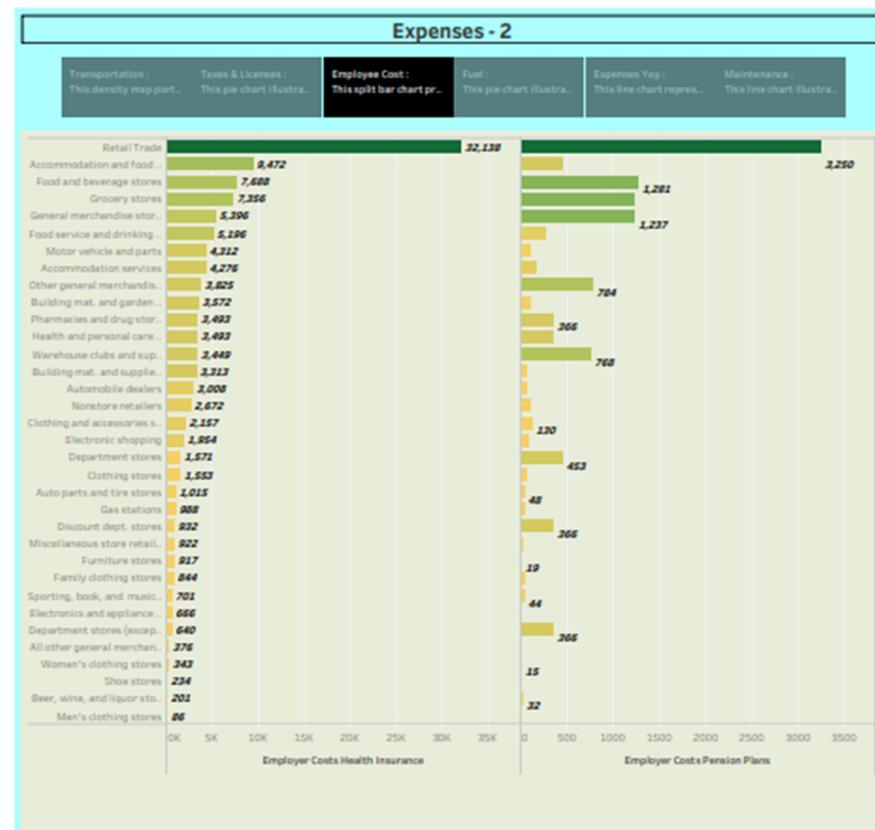
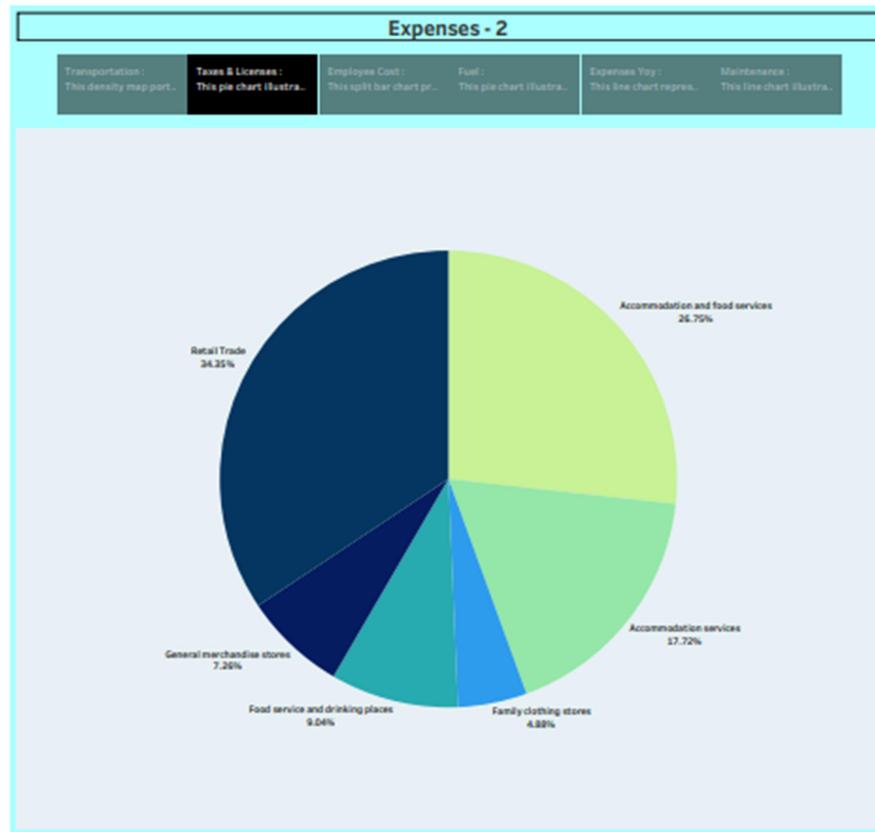
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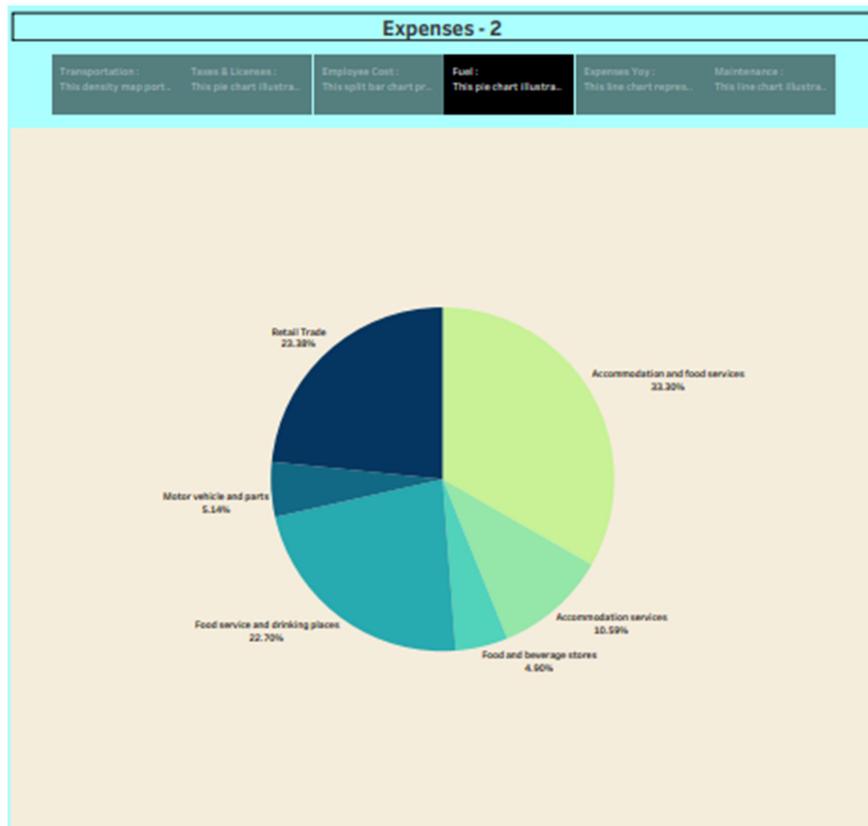
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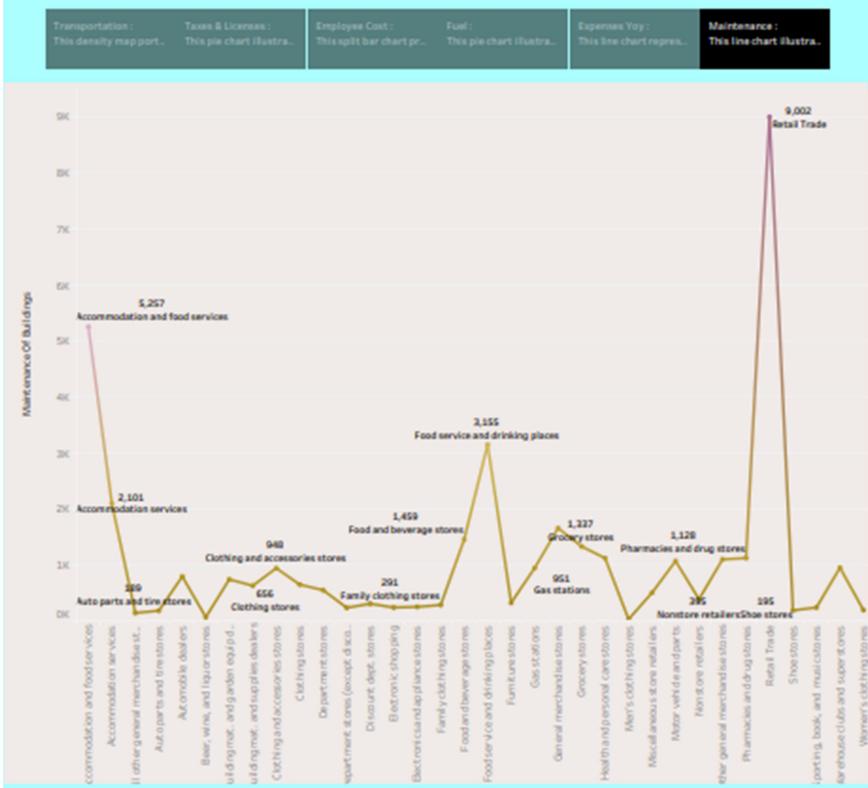
## STORY 2:







## Expenses - 2



## **4. ADVANTAGES & DISADVANTAGES**

### **Advantages:**

- It helps you determine your project's budget, schedule the work necessary and manage new resources.
- Effective expense management creates job opportunities and supports the workforce.
- By understanding and managing expenses, companies can drive growth, maintain a strong financial position, and strategic business expense decision with confidence.

### **Disadvantages:**

- Lacking knowledge and experience in cost estimating can lead to inaccurate, incomplete, or unrealistic cost estimate for your projects.
- Only past performance can be recorded.
- Costly to maintain.
- Expertise is required to record.

## **5. APPLICATIONS**

The Areas Where This Solution Can Be Applied:

- Marketing expenses
- Office equipment
- Bank charges
- Insurance
- Business mileage
- Employee benefits
- Interest paid
- Educational expenses for employees

## **6. CONCLUSION**

- In business, an estimate is a calculated guess of what something will cost.
- Estimates are often used in bidding for contracts or projects.
- They can also be used to find out how much material or labour is needed for a job.
- An accurate estimate can mean the difference between winning and losing a contract.

## **7. FUTURE SCOPE**

- The analysis of business expenses and financial management has a significant social impact.
- Overall, analysing and managing expenses positively influences economic growth, employment, stakeholder well-being, and social responsibility.
- Analysing business expenses has profound impact on various aspects of business operations.
- Expense analysis enables business to allocate resources effectively, make informed decisions, and create realistic budgets and forecasts.

