

**WELCOME**

**TO**



**Smart  
Internz**

# **FUNDAMENTALS OF DATA ANALYTICS WITH TABLEAU**

**Project Title :**

## **Estimation Of Business Expenses**

This is a group project. We have include four members on this project. Namely, I am the Team Leader : JAGADHEESAN . G, Team Persons : GOKUL . K, LAKSHMANAN, KANNIYAPPAN . C.

### **III BSC PHYSICS**



**Under The Guidance of**

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## **1.INTRODUCTION :**

### **1.1 Estimation Of Business Expenses :**

This involves **estimating all the expenses required to start and operate the business, such as equipment, rent, inventory, and marketing.** By calculating these costs upfront, business owners can better plan their budget and avoid unexpected expenses.

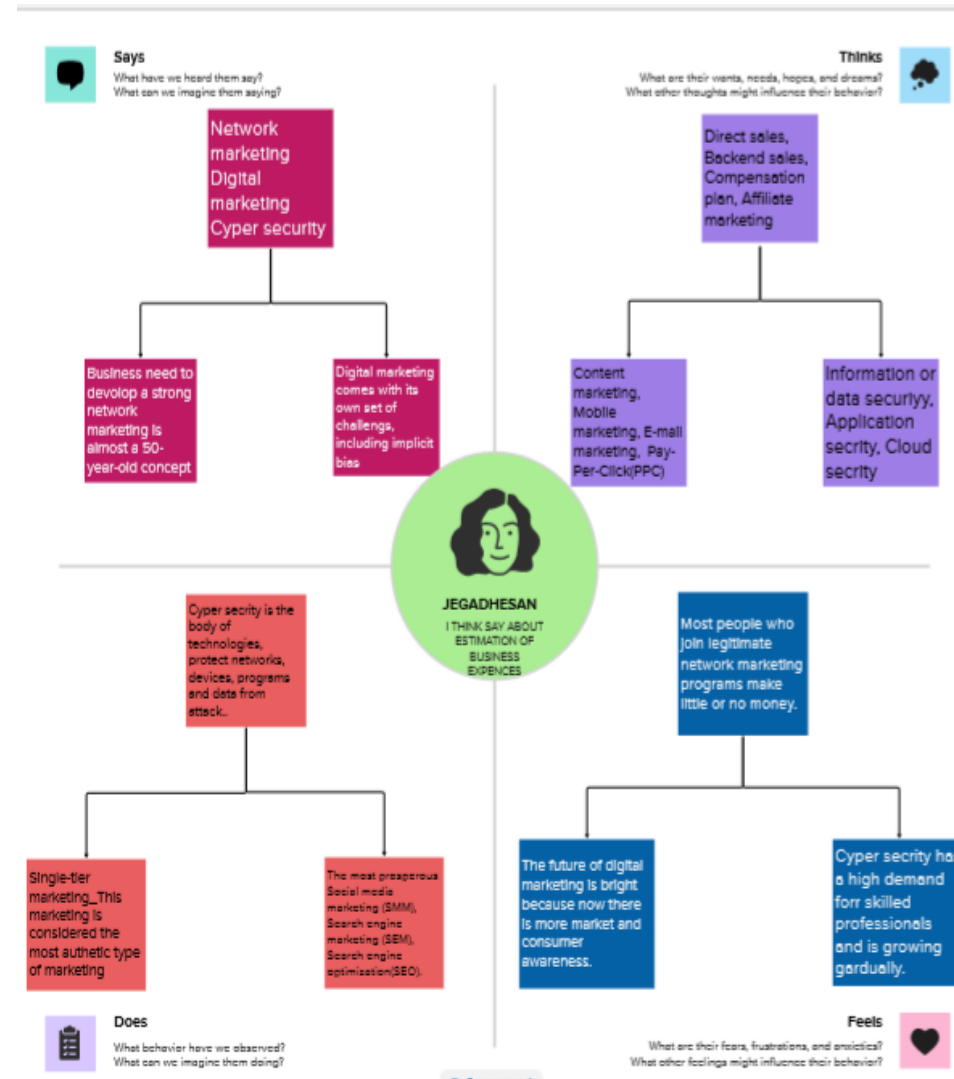
### **1.2 PURPOSE OF THIS PROJECT :**

**PURPOSE OF BUSINESS EXPENSES BENEFITS ,**

- ❖ SHOWCASES THE DISTRIBUTION OF EXPENSES.**
- ❖ HIGHLIGHTS AREAS OF POTENTIAL OPTIMIZATION OR CONCERN.**
- ❖ DASHBOARDS AND STORY WE EMPLOYED TABLEAU TOOL.**

**This report delves into the fascinating realm of business expenses and provides a visual exploration of the various expenditures incurred by different businesses.**

## 2. PROBLEM DEFINITION & DESIGN THINKING : EMPATHY MAP



# IDEATION & BRAINSTORMING MAP

1

## Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

🕒 5 minutes

### PROBLEM

Mention how long you estimate it will take to solve the problem of applicable. Don't provide exhaustive detail about the solution in the problem statement. Complete details on the various stages of the solution can be included when you write a project plan.



### Key rules of brainstorming

To run a smooth and productive session

- 🗣️ Stay in topic.
- 💡 Encourage wild ideas.
- ⏸️ Defer judgment.
- 👂 Listen to others.
- 🗣️ Go for volume.
- 👁️ If possible, be visual.

2

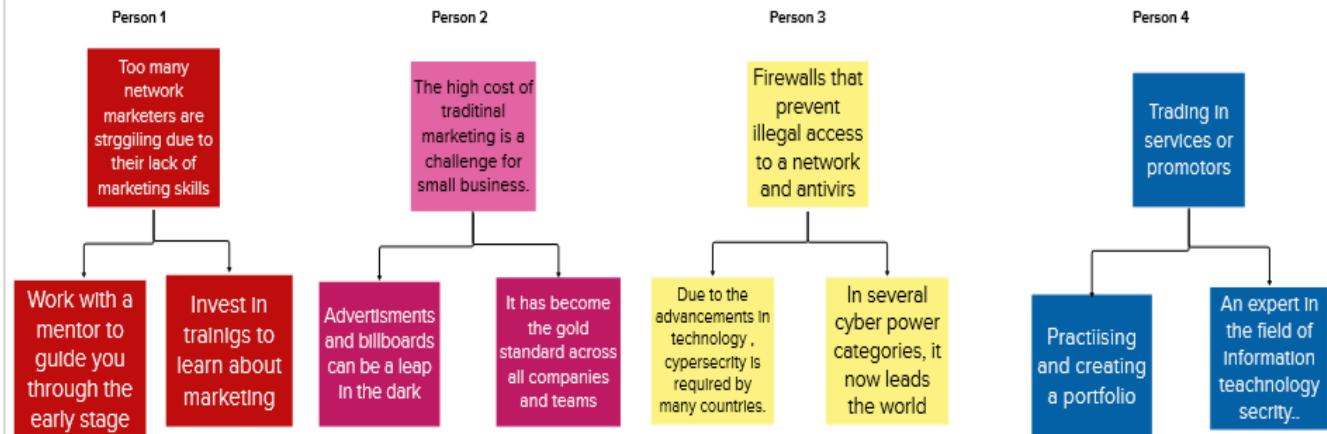
## Brainstorm

Write down any ideas that come to mind that address your problem statement.

🕒 10 minutes

### TIP

You can select a sticky note and hit the pencil [switch to sketch] icon to start drawing!



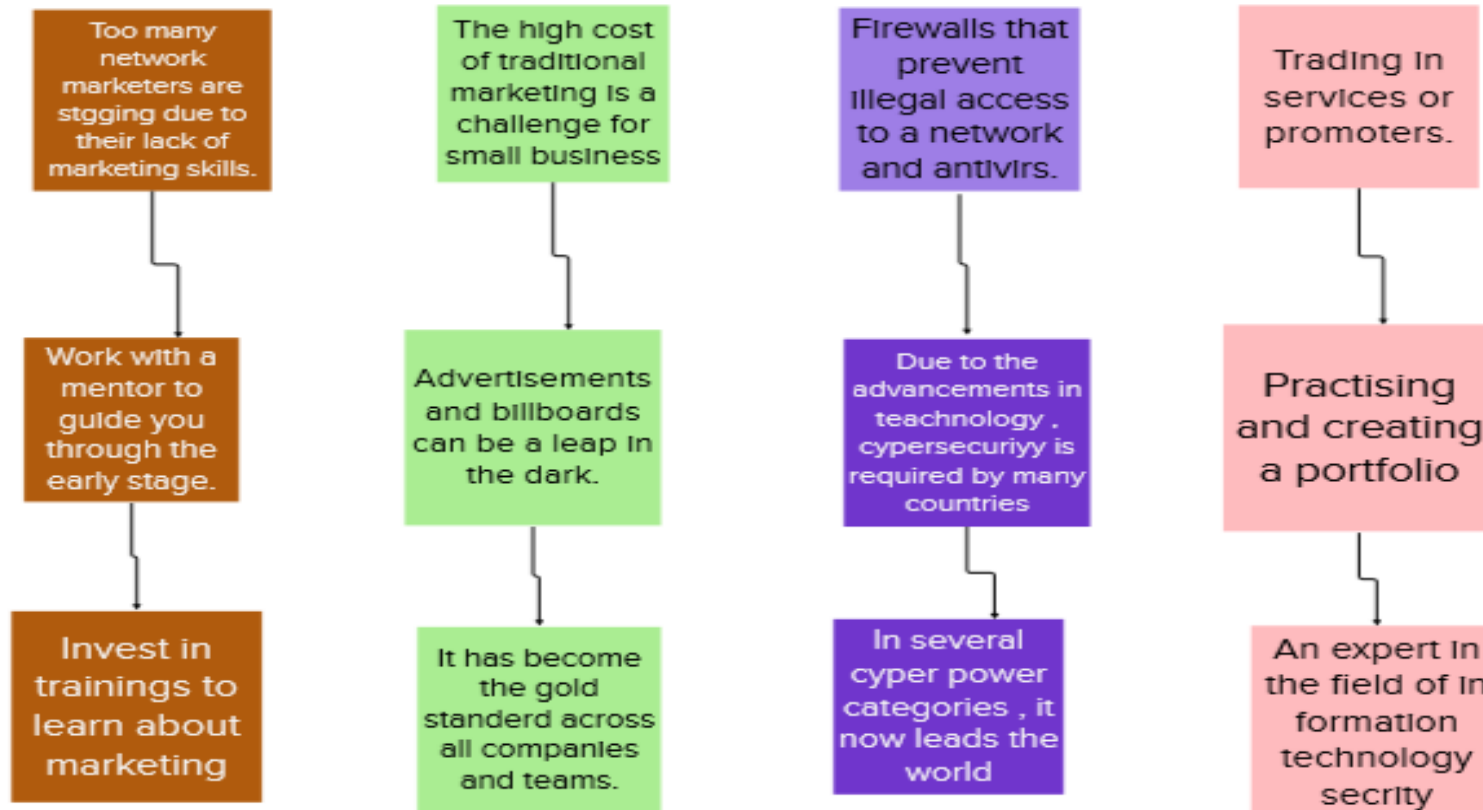
## Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

🕒 20 minutes

### TIP

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.



Work with a mentor to guide you through the early stage

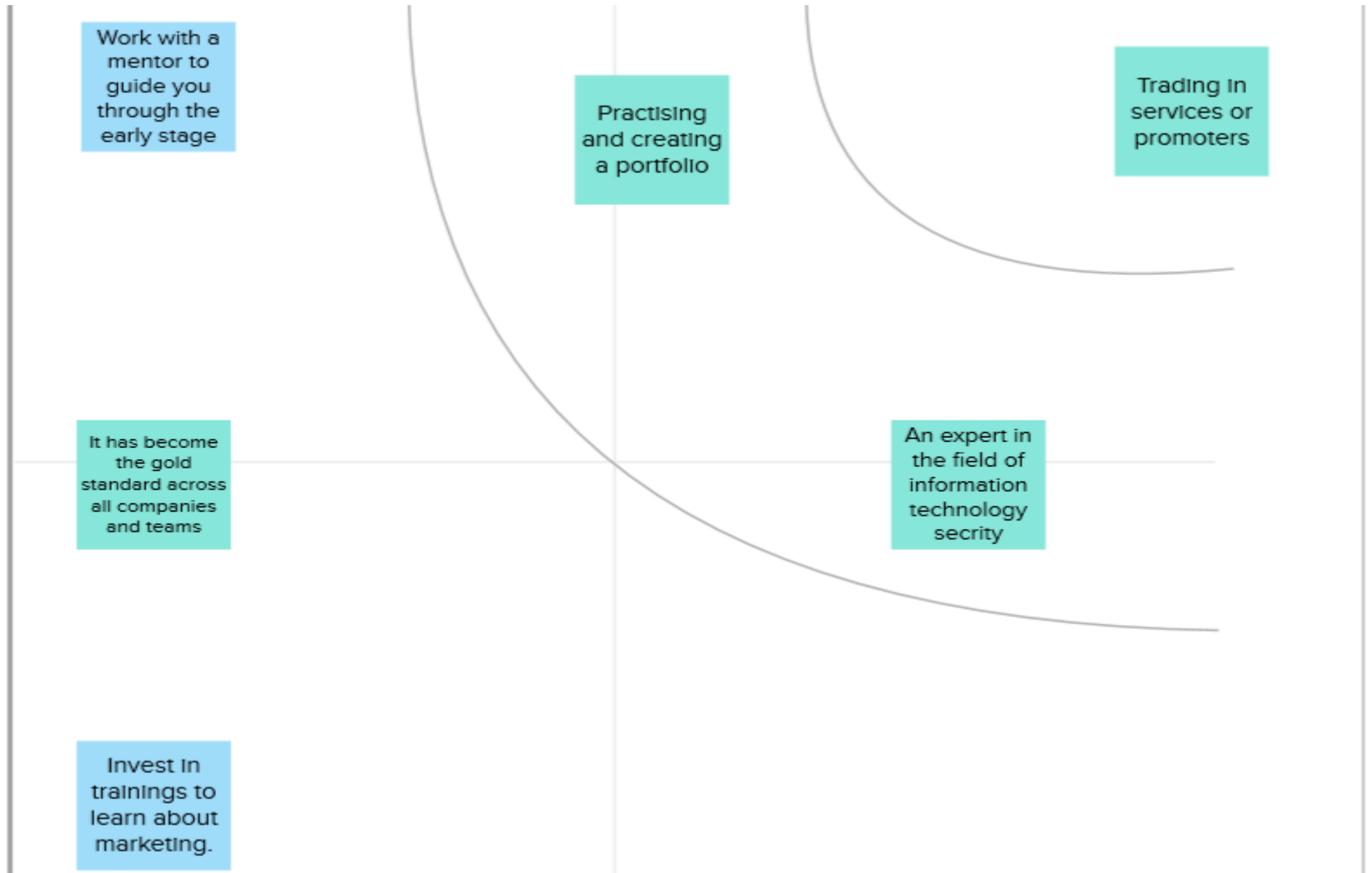
Practising and creating a portfolio

Trading in services or promoters

It has become the gold standard across all companies and teams

An expert in the field of information technology security

Invest in trainings to learn about marketing.

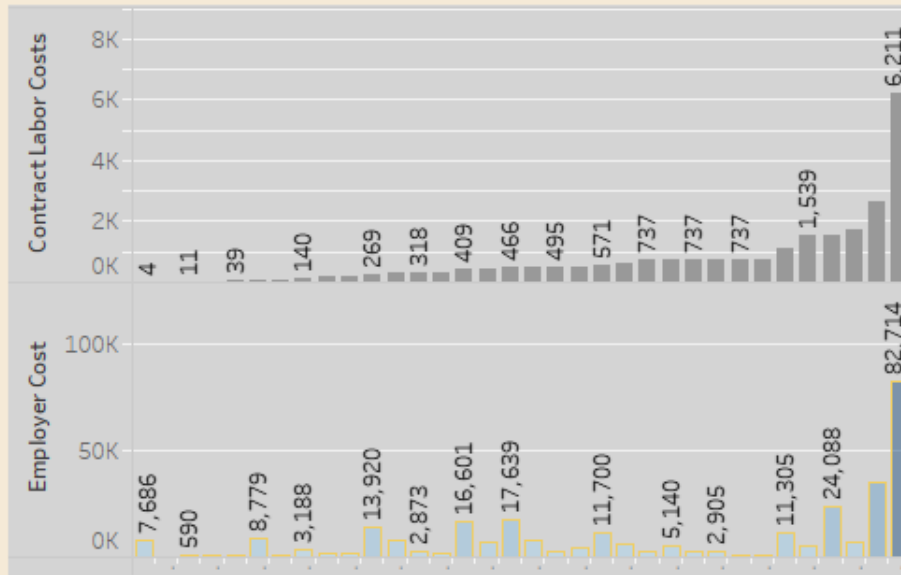




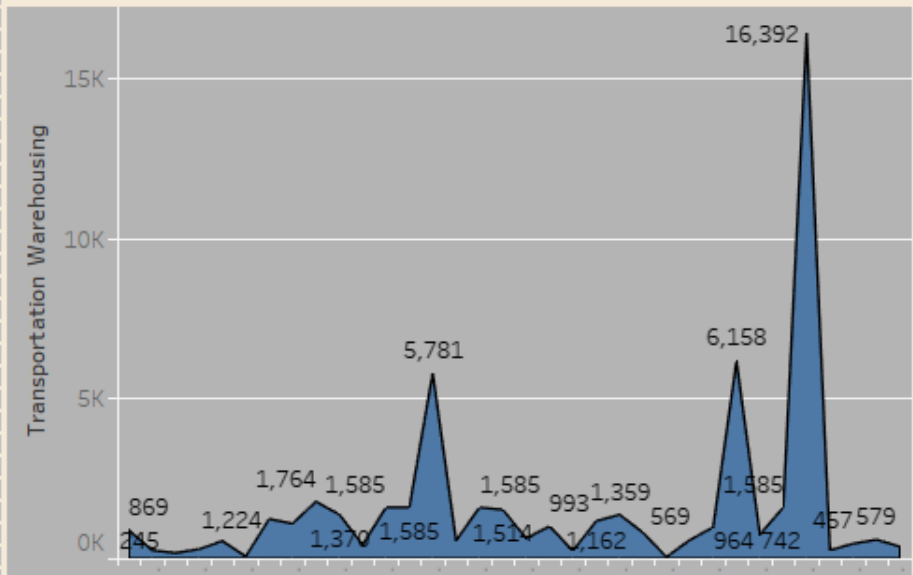


## Business Expenditure Overview

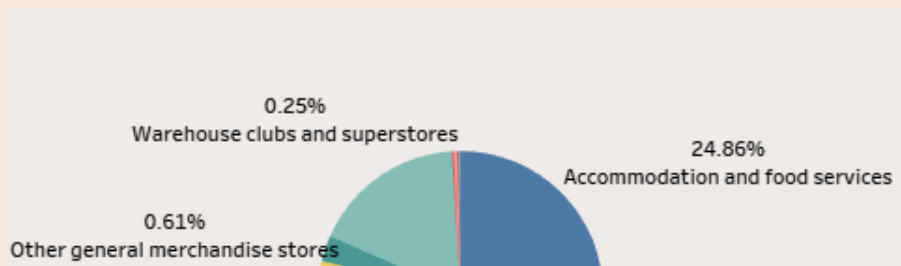
### Contract Labour vs Employee



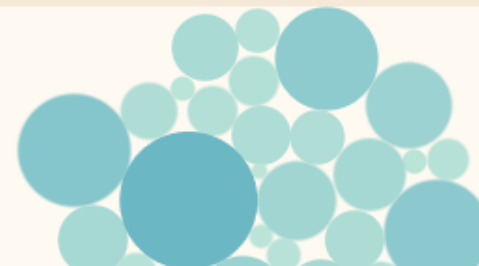
### Transportation and Warehousing



### Fuel

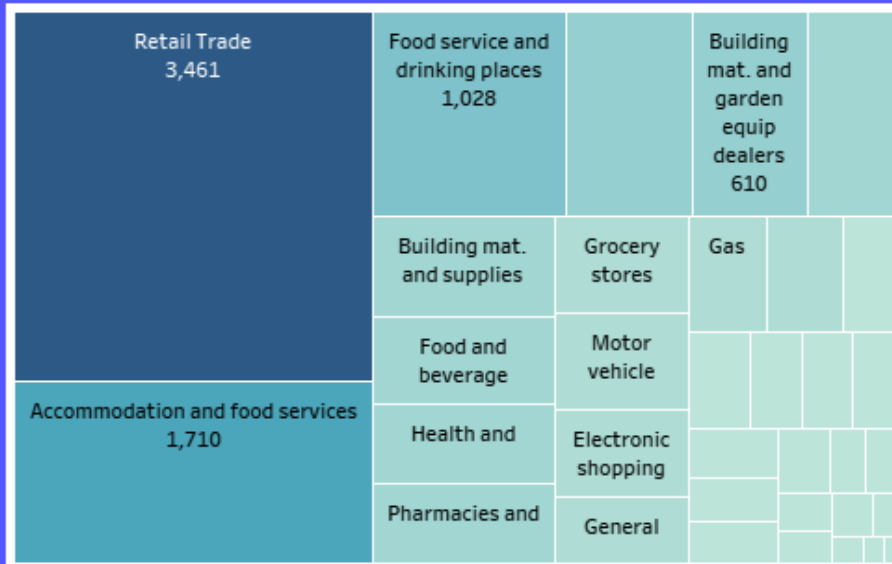


### Advertisement Cost

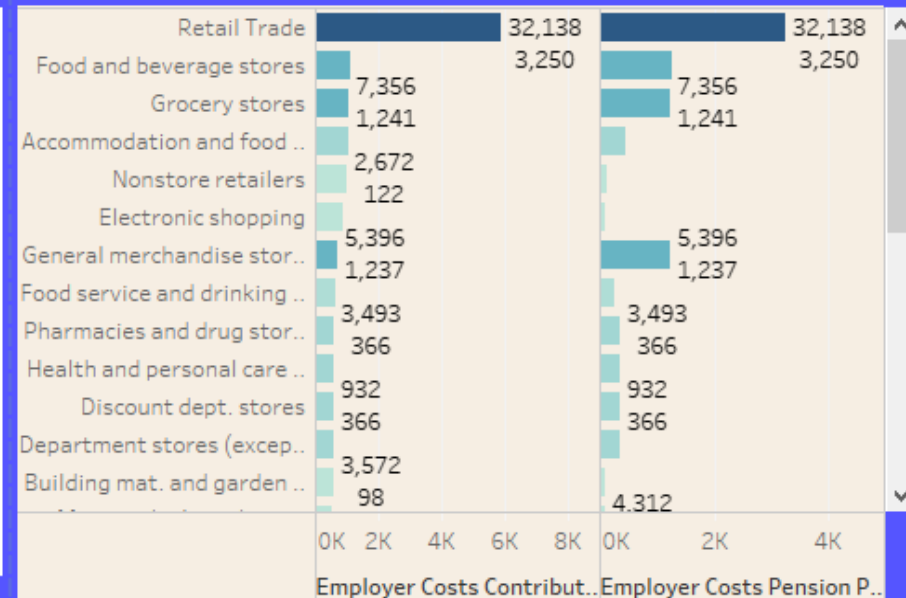


## Expense Insights

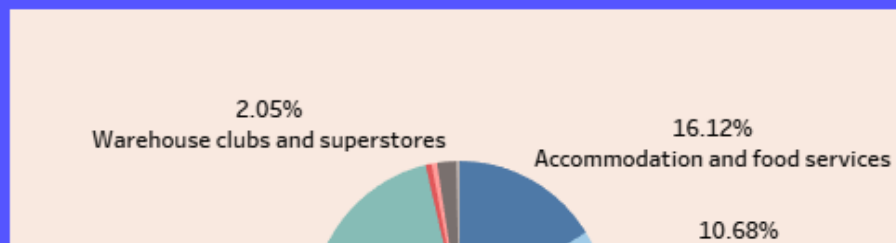
### Rental Payment for Machinery



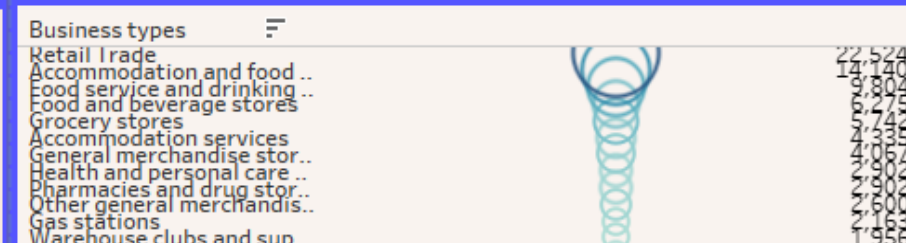
### Employee Cost (Insurance vs Pension)



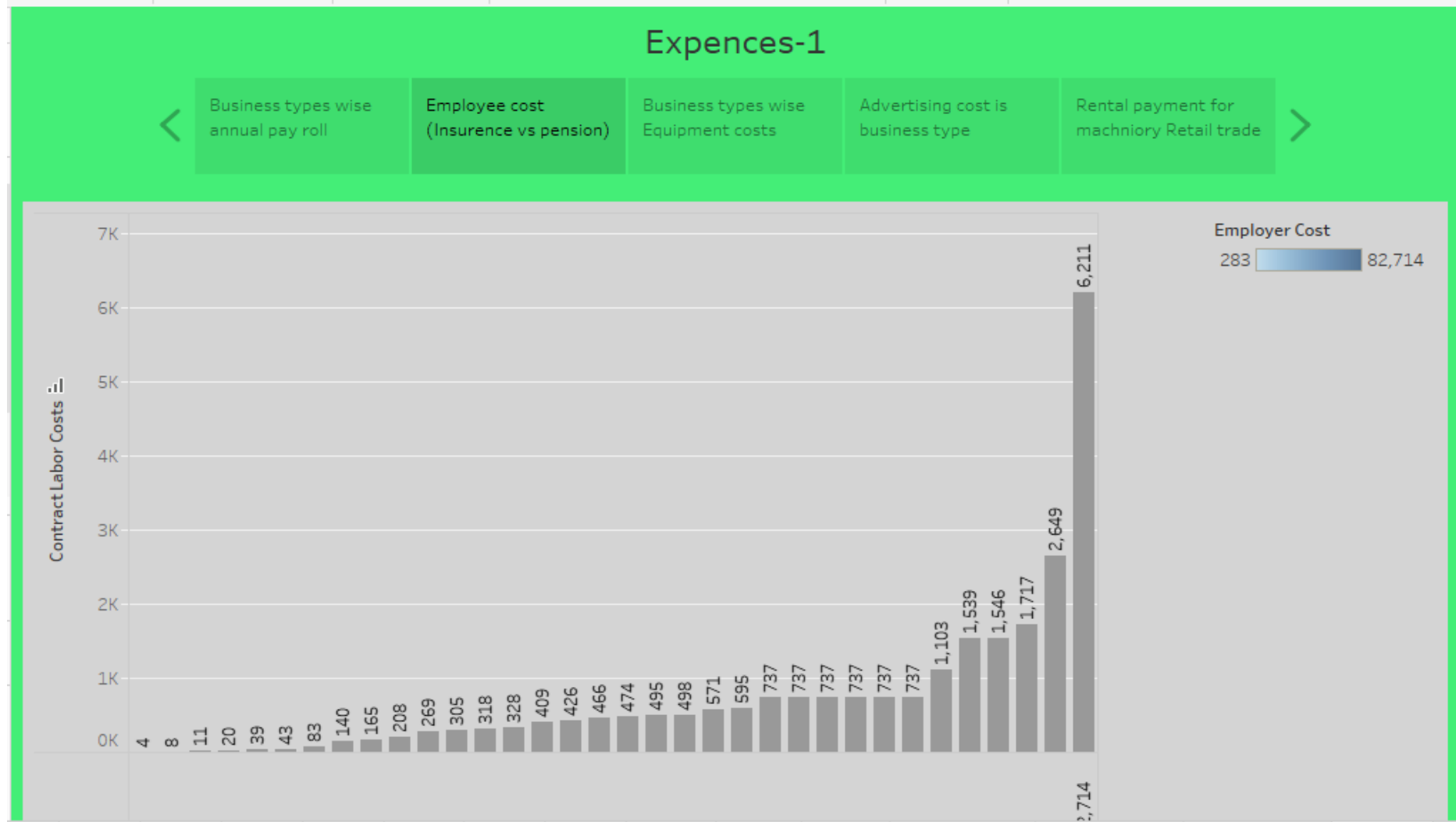
### Taxes & Licenses



### Power Expenditure

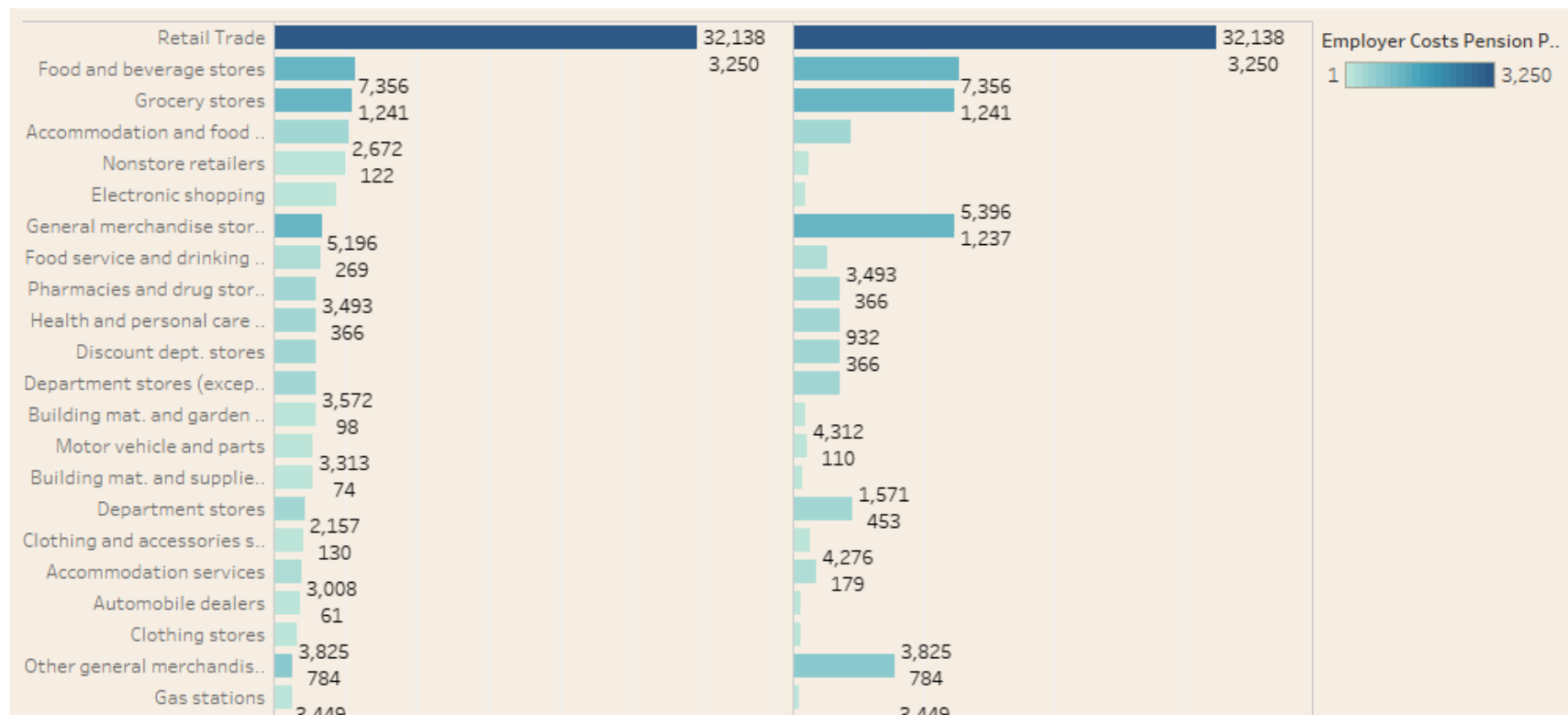
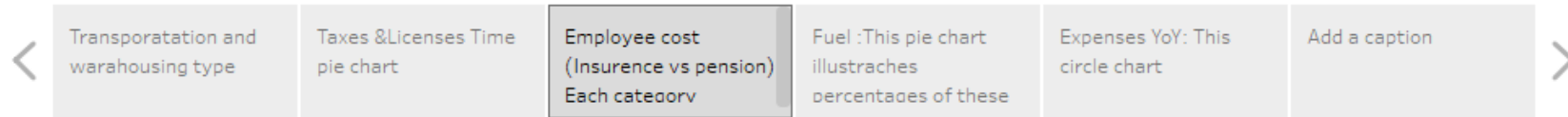


## 4. STORY 1 :



## 5. STORY 2 :

### Story 2



# **ESTIMATION OF BUSINESS EXPENSES :**

## **ADVANTAGES :**

- ❖ Cost-benefit analysis allows an individual or organization to evaluate a decision or potential project free of biases.
- ❖ As such, it offers an agnostic and evidence-based evaluation of your options, which can help your business become more data-driven and logical.

## **DISADVANTAGES :**

- ❖ Cost – benefit analyses aren't without their drawbacks, however.
- ❖ Namely : Susceptible to human error – Some costs or benefits may be missed, monetary values may be assigned based on opinion or guess, personal biases or incentives may skew accuracy of data or weight given to certain figures.

## **EXCEL IN THE BUSINESS APPLICATIONS :**

- ❖ MS Excel is used for a range of purpose in a business including accounting, stock management, sales reporting, product information management and automation.
- ❖ So, if you're wondering why Excel is so important, it can power a whole business!

## **CONCLUSION OF COST ESTIMATION :**

- ❖ In conclusion, cost estimation is an important component of project management that ensures projects are finished on schedule and within budget.
- ❖ Since inaccurate cost estimates can have serious financial consequences for businesses, accurate cost estimating is crucial for all stakeholders engaged in a project.



**Thank You!**