Project Report Template

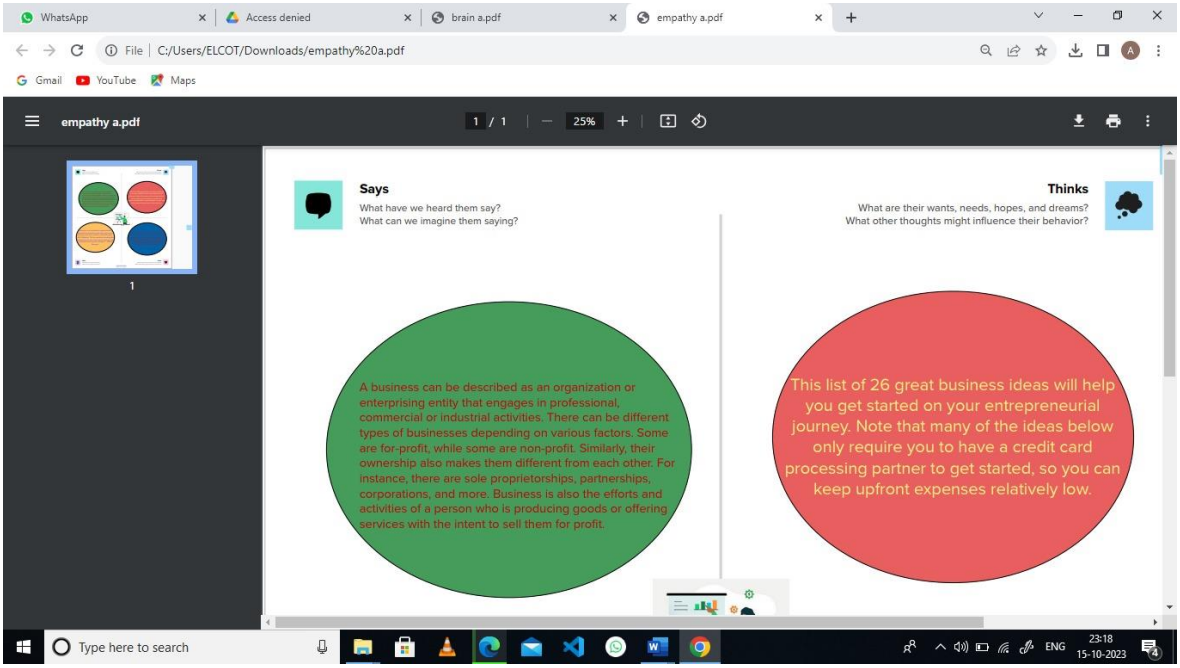
Indroduction

Tableau is a powerful tool used for data analysis, visualization. It allows creating amazing and interactive visualization and that too without coding. Tableau is very famous as it can take in data and produce the required data visualization output in a very short time. Basically, it can elevate your data into insights that can be used to drive your action in the future.
Tableau is the fastest and powerful growing visualization tool. It is very easy to use. There are no complex formulas like excel and other visualization tools. It provides the features like cleaning, organizing, and visualizing data, it is easier to create interactive visual analytics in the form of dashboards. These dashboards make it easier for non-technical analysts and end-users to convert data into understandable ones

Values in Tableau

There are two types of values in the tableau:

- **Dimensions:** Values that are discrete(which can not change with respect to time) in nature called Dimension in tableau. Example: city name, product name, country name.
- **Measures:** Values that are continuous(which can change with respect to time) in nature called Measure in tableau. Example: profit, sales, discount, population.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Says
What have we heard them say?
What can we imagine them saying?
Thinks
What are their wants, needs, hopes, and dreams?
What other thoughts might influence their behavior?
A business can be described as an organization or enterprising entity that engages in professional, commercial or industrial activities. There can be different types of businesses depending on various factors. Some are for-profit, while some are non-profit. Similarly, their ownership also makes them different from each other. For instance, there are sole proprietorships, partnerships, corporations, and more. Business is also the efforts and activities of a person who is producing goods or offering services with the intent to sell them for profit.
This list of 26 great business ideas will help you get started on your entrepreneurial journey. Note that many of the ideas below only require you to have a credit card processing partner to get started, so you can keep upfront expenses relatively low.
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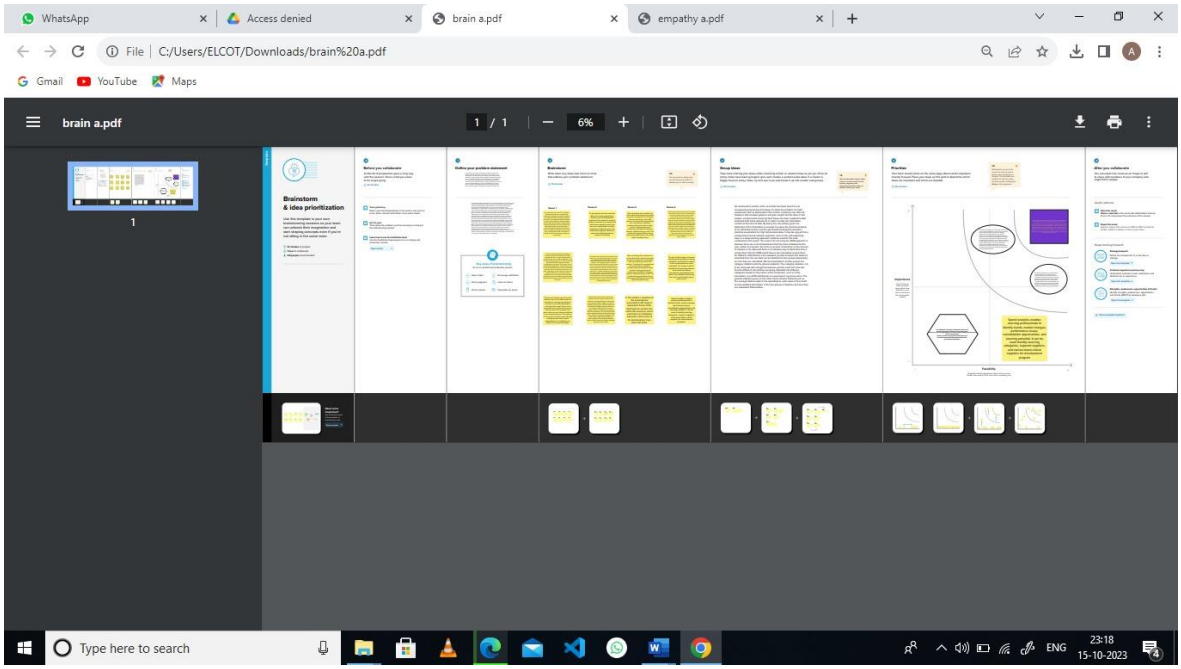
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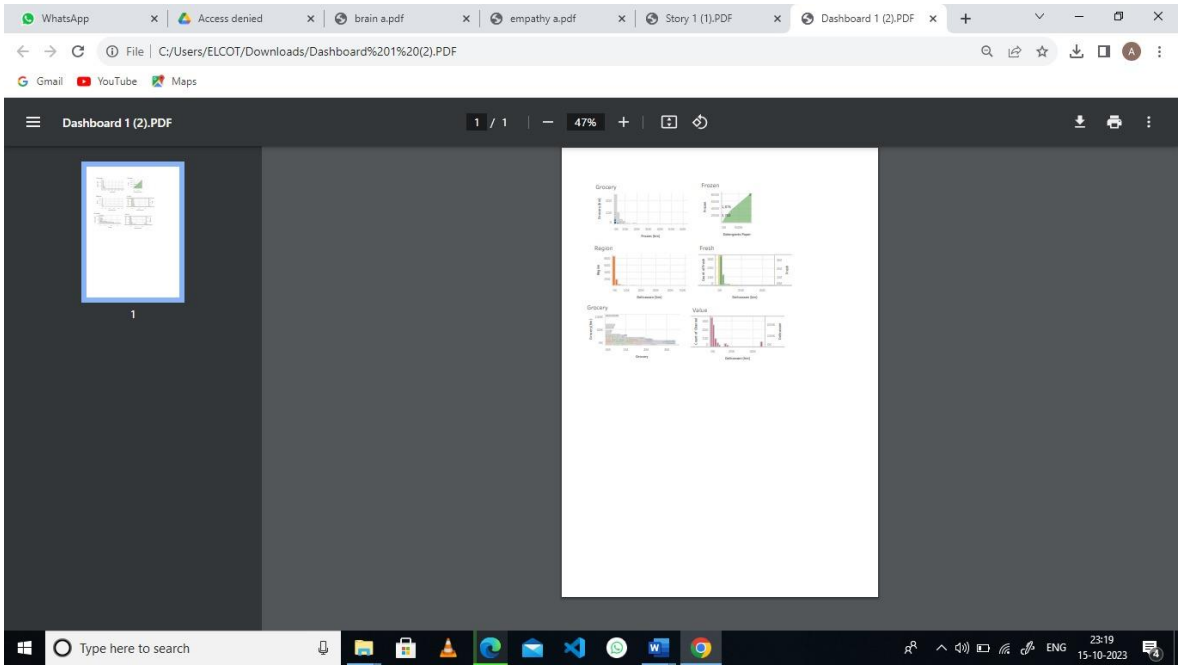

Advantages of Tableau

- **Quick calculation-** All the calculations on the tableau done by the backend, so it is relatively faster than any other tool.
- **Interactive dashboards**– Tableau dashboards are very interactive and easy to draw.
- **No manual calculation-** All the calculations done by the tableau only. There is no manual calculation but in some specific cases, we used calculated fields for calculation.
- **A large amount of data-** Tableau can handle a large amount of data. Different types of visualization can be created with a large amount of data without impacting the performance of the dashboards.

Disadvantages of Tableau

- **High Cost-** tableau is a paid tool for visualization, and it is a reason why people are not using tableau so much.
- **Static and single value parameters-** Tableau's parameters are static and always single value can be selected using a parameter. Whenever the data gets changed, these parameters need to be updated manually every time.
- **Limited Data Preprocessing-** Tableau is strictly a visualization tool. Tableau Desktop allows you to do very basic preprocessing.

Application of tableau

There are many different engaging options, applications and alternatives of the tableau. The short placement creates the setup in no time as this tool promotes running start benefits. Tableau provides perceptive industry rate with clouds hosted editions and also on-premise paid annually. But, this module price depends on the number of users requirements. Now, let us study the different products of this software & its end-users

Conclusion

Tableau is a best way to present and visualize the content now a days data literacy is very important in Business if in case we starts up a company we are also know how to analyses and grow the business or company finally the data literacy with tableau course is very useful for students

Futrue Scope of Tableau

Tableau is a widely-used data visualization tool that has a strong future scope. It is expected to continue to be a popular choice for businesses and organizations that need to analyze and understand large sets of data. Some of the ways that Tableau is expected to evolve in the future include:

- Increasing integration with other tools and technologies, such as machine learning and artificial intelligence, to provide even more advanced data analysis and insights.
- Continued development of mobile capabilities, allowing users to access and interact with data from anywhere, at any time.
- Further advancements in collaboration and sharing capabilities, making it easier for teams to work together on data projects and share insights with others.

Overall, the future looks bright for Tableau as a powerful and valuable tool for data analysis and decision-making.