Null Class Report

1. Introduction

This report provides an overview of the assignment undertaken, highlighting the key components and insights gained throughout the process. It aims to evaluate the experience, detailing the objectives, activities, challenges, and overall outcomes of the assignment.

2. Background

program designed to enhance practical skills and theoretical knowledge. It was conducted over a specified period, involving a series of tasks related to data analytics. The goal was to apply data anlytics knowledge to real-world scenarios, thereby bridging the gap between theory and practice.

3. Learning Objectives

- The primary objectives of this assignment were:

- To develop a deeper understanding of Data Analytics.
- To enhance specific skills, such as building Dashboard, hosting website and writing a report.
- To gain hands-on experience in field of Data Analytics
- To demonstrate the ability to apply theoretical knowledge to practical tasks.

4. Activities and Tasks

The assignment comprised several activities and tasks, which were structured as follows:

1. Create a visual that shows the average engagement rate and total impressions for tweets posted between '01- 01-2020' and '30-06-2020'. Filter out tweets that received fewer than 100 impressions and like should be 0 and this graph

should work only between 3Pm to 5 PM IST apart from that we should not show the graph.

2. Plot a scatter chart to analyse the relationship between media engagements and media views for tweets that received more than 10 replies. Highlight tweets with an engagement rate above 5% and this graph should work only between 12 PM to 6 PM and the tweet date should be odd number as well as tweet word count be below 50.

3. Analyse tweets to show a comparison of the engagement rate for tweets with app opens versus tweets without app opens. Include only tweets posted between 9 AM and 5 PM on weekdays and this graph should work between 12 PM to 6 PM and the tweet impression should be even number and tweet date should be odd number as well as tweet word count be below 40.

Instructions:

 1) Everyone should export the Power BI template and share the Template

2) Tasks should be implemented along the completed website which is in the Project.

3) You need to share the netlify/vercel URL of the hosted website.

4)Make the entire website responsive on all mobile devices including tablets

5)Mentor support will not be available during the assignment.

5. Skills and Competencies

Throughout the assignment, the following skills and competencies were developed and refined:

Analytical Skills: Enhanced ability to critically analyze information and draw conclusions.

Time Management: Improved efficiency in managing time and meeting deadlines.

Visualization Skills: Critically analyzing the data and visually representing them in Powerbi.

Technical Competence: Advance knowledge of ms-excel and github is required. Web hosting applications such as netlify is also required.

6. Feedback and Evidence

It was a great experience building my first powerbi dashboard. Complete mentorship was provided which enhanced my learning curve.

7. Challenges and Solutions

Several challenges were encountered during the assignment:

Time Constraints: Balancing multiple tasks within a limited timeframe was challenging. This was managed by prioritizing tasks and adhering to a structured schedule.

Limited Resources: Access to certain resources was restricted. This was overcome by seeking alternative sources and leveraging online databases.

Complexity of Tasks: Some tasks were more complex than anticipated. To address this, additional research and consultation with experts were conducted.

8. Outcomes and Impact

The assignment yielded several positive outcomes:

- Achieved a deeper understanding of PowerBi.
- Successfully completed all assigned tasks, meeting or exceeding the expectations set.
- Developed a portfolio of work that can be used for future reference or professional development.
- Gained insights into potential career paths within [industry/field], influencing future academic and professional choices.

9. Conclusion

In conclusion, the assignment provided a valuable learning experience, contributing to both personal and professional growth. The activities not only

reinforced theoretical knowledge but also equipped me with practical skills that are essential in [field/industry]. Moving forward, the lessons learned from this experience will be applied to future projects, ensuring continuous improvement and development.

This report demonstrates the successful completion of the assignment and the achievement of its learning objectives, highlighting the value of integrating academic learning with practical application.