



DAILY WORK
REPORT
TR-02

INFOWIZ

5 JULY 2024

Day 26: Project: Choosing Your Final Project

Summary: Today marks the beginning of our project phase where we will choose and outline our final project for the WhatsApp chat analyzer. This project phase aims to apply the concepts we've learned throughout the course in a practical context.

Key Steps:

1. Brainstorming Ideas:

- Brainstorm potential project ideas based on the skills and knowledge acquired so far.
- Consider practical applications such as sentiment analysis, topic modeling, or automated response systems.

2. Selecting a Dataset:

- Choose a suitable dataset for the project. This could include chat logs, customer feedback data, or any relevant dataset that aligns with the project goals.
- Ensure the dataset is adequate in size and complexity to demonstrate the application of machine learning techniques.

3. Defining Project Goals:

- Clearly define the objectives of the project. This could involve:
 - Implementing specific machine learning algorithms (e.g., sentiment analysis using NLP techniques).
 - Building a functional prototype of a chatbot or automated response system.
 - Analyzing patterns or trends in chat data using time series analysis.

4. Planning the Approach:

- Outline the methodology and approach for the project:
 - Steps involved in data preprocessing, feature engineering, and model selection.
 - Consideration of evaluation metrics and methods for assessing project success.

5. Documentation and Reporting:

- Plan for documenting the project process thoroughly:
 - Keeping a daily diary of progress, challenges faced, and solutions implemented.
 - Structuring the final report to include project overview, methodology, results, and conclusions.

Next Steps:

- Begin gathering and preprocessing the chosen dataset.
- Outline the initial steps for implementing the selected project idea.
- Stay organized and keep track of progress to ensure timely completion of the project within the remaining weeks.

Today's session sets the stage for applying our knowledge in a practical project setting. By defining clear objectives and planning our approach, we aim to create a meaningful application of machine learning techniques to analyze WhatsApp chat data effectively.