Project Plan

The project will be executed over a period of 7 weeks, starting from **22/02/2025** and concluding on **11/04/2025**.

Timeline & Milestones

- **Week 1 (22/02 - 28/02):** Data Preprocessing & Model Building
  - Tasks: Clean and preprocess data using SQL and Python.
  - Deliverables: Cleaned dataset and preprocessing notebook.

- **Week 2 (01/03 - 07/03):** Analysis Questions Phase
  - Tasks: Identify key analysis questions and insights.
  - Deliverables: Documented set of analysis questions.

- **Week 3 (08/03 - 14/03):** Forecasting Phase
  - Tasks: Predict number of rides, revenue, and ticket demand.
  - Deliverables: Forecasting results and visualization plots.

- **Week 4 (15/03 - 21/03):** Visualization Dashboard & Report Preparation
  - Tasks: Build a PowerBI dashboard and prepare a report.
  - Deliverables: Completed dashboard and draft report.

- **Week 5 (22/03 - 28/03):** Review and Refinement
  - Tasks: Enhance dashboard and refine analysis based on feedback.
  - Deliverables: Improved dashboard and report.

- **Week 6 (29/03 - 04/04):** Final Testing & Documentation
  - Tasks: Conduct validation testing and finalize documentation.
  - Deliverables: Fully tested dashboard and final report.

- **Week 7 (05/04 - 11/04):** Presentation & Deployment
  - Tasks: Prepare the final presentation and submit all deliverables.
  - Deliverables: Presentation slides and project submission.