

Instructions for Analysis

1. Understand the Workflow:

- Review the steps taken to preprocess data, engineer features, and train models.
- Identify the reasoning behind the choice of features and the models used.

2. Evaluate Model Performance:

- Examine metrics like MAE, RMSE, and R2 Score for both latency prediction and bandwidth efficiency tasks.
- Assess whether these metrics meet the expectations for real-world application.

3. Identify Strengths and Weaknesses:

- Highlight what aspects of the solution worked well.
- Pinpoint areas where the models struggled or where results were suboptimal.

4. Assess the Applicability:

- Consider the solution's ability to generalize to unseen data or different environments.
- Discuss whether the current solution scales well for more complex scenarios or larger datasets.

5. Propose Enhancements:

- Suggest improvements in model selection, feature engineering, or training methodology.
- Explore alternative approaches that could improve accuracy or robustness.