# **Module 3 Milestone 1 Individual Assessment**

Please comment in a brief paragraph how well you feel you and your teammates worked together on completing the first Milestone. Were there any issues in the team which prevented you personally from doing your best work? Do you have any thoughts about how you might address these problems going forward to Milestone 2 and the Final Report?

This document will be held in the strictest confidence between the you, the professor, and the Learning Facilitators. No other member of your team will see any specific comments you make here.

Please upload this to Gradescope individually (you’ll see the assignment there).

*For this milestone, I served as the* ***Team Leader****.*

*My primary responsibilities included organizing and scheduling all* ***team meetings*** *to ensure our project stayed on track. I also took the lead on the technical implementation,* ***writing and debugging the core Python code*** *for all stages of the data pipeline, from cleaning and imputation to the final feature engineering.*

*The* ***research*** *portion, such as investigating different analytical methods, was a* ***collaborative effort*** *by the entire team. My teammates contributed by providing valuable* ***peer review*** *on the code and analysis, which helped ensure the quality and accuracy of our submission.*

***Plan for Milestone 2***

1. ***Individual Model Development:*** *Team members will divide the work by having each person take responsibility for coding and training a different machine learning model (e.g., Linear Regression, Random Forest, XGBoost).*
2. ***Collaborative Model Comparison:*** *After the individual models are built, the entire team will meet to compare the performance (using RMSE and other metrics), strengths, and weaknesses of all models to select the best one for the final report.*

Team Member Full name: Jae Hoon Lee

Signed: Jae Hoon Lee

Date: 7/13/2025