Week 4

Tasks Completed:

- Tuned models: ANN (MLP), SVR, and Random Forest.
- Evaluated models using R² and MSE.
- Random Forest achieved highest accuracy ($R^2 = 0.857$).
- Generated performance comparison plots.

Challenges Faced:

• SVR and ANN models underperformed due to limited dataset size.

Tasks Planned for Next Week:

- Validate feature importance with domain knowledge.
- Begin drafting visualizations for feature relevance.