

Project Title:

Data-Driven Prediction of Temperature in CFD Simulations Using Ensemble Models.

Week 9 (Apr 4 – Apr 10, 2025)

Tasks Completed:

- Conducted feature importance analysis using permutation-based techniques.
- Summarized comparative results in tabular format for report inclusion.

Key Insight:

- Random Forest still performed best in pure accuracy.
- RF provided better continuity and trend prediction for future time steps.