Project Title:

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

Week 3: (Feb 24 - Mar 2, 2025)

Tasks Completed:

- Conducted EDA on CFD dataset.
- Visualized key trends in temperature, velocity, and pressure.
- Identified outliers and inconsistencies.

Challenges Faced:

- Understanding parameter correlations.
- Handling extreme values in temperature data.

Tasks Planned for Next Week:

- Compute summary statistics for each parameter.
- Prepare dataset for LSTM training.