Week 2

Tasks Completed:

- Cleaned and structured dataset with consistent formatting.

- Selected relevant features (Temperature, Pressure, S-mix components, Mw).

- Verified balanced data representation across DES types.

Challenges Faced:

- Some DESs had very few data points, requiring rebalancing and filtering.

Tasks Planned for Next Week:

- Prepare final dataset with 12 DES systems (30 samples each).

- Begin model setup and splitting into training and testing sets.

- Explore baseline regression models.