

# Final Report for Team: SpectralTeam

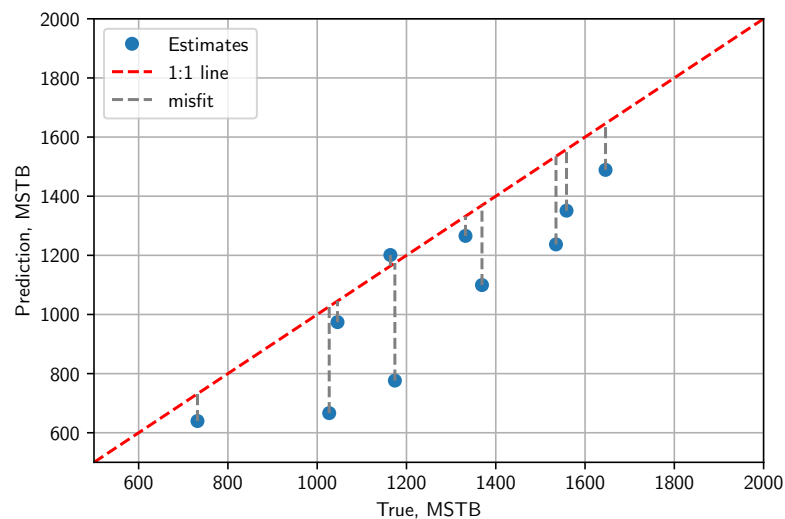


Figure 1: Accuracy.

Fig 1 shows your team's predictions compared to the actual production values at 3 years. The total mean squared error with respect to the true values is 53652.471.



Figure 2: Uncertainty distributions and true values.

Fig 3 shows your team's uncertainty model and the actual production values at 3 years for the 10 preproduction wells.



Figure 3: Goodness Score Plot.

Fig 3 shows your team's goodness score plot for the 10 preproduction wells. Your final goodness score is 0.0.

## Presentation comments

- nan
- Good setup and summary and approach to modeling,
- Clearly they have been through the workflow and features. Well spoken. Flowed well. They have done this before. They knew where to look. They have industry experience.
- excellent visualizations for your EDA. The feature engineering was all geologically based and tested in the models. Good to see SHAP values for feature selection. Very interesting to see a team approach the problem as predicting the difference in production from year to year
- nan

## Code review comments

- Great workflow, great use of functions, good visualizations. Very clear.
- nan
- o. Overall, nice workflow! o. Nice visualization for well-log data. o. It would have been better to see more visualization in prediction models' performance. o. Each step of the code is well explained with the Markdown.