

Model Interpretation

Model Performance

- The average **Mean Absolute Error** of the model is **0.23**
- The MAE describes how closely the model was able to predict the exact value of the **stock levels of products**.
- The average value of estimated stock is **0.51**, this means the accuracy of the model is ~ 50%

Important Features

- **Unit Price** is the most important feature for predicting stock level
- **Temperature, hour of the day** and **quality** are also important.
- The product categories were not important

Recommendation

- Further feature Engineering
- More dataset needs to be added