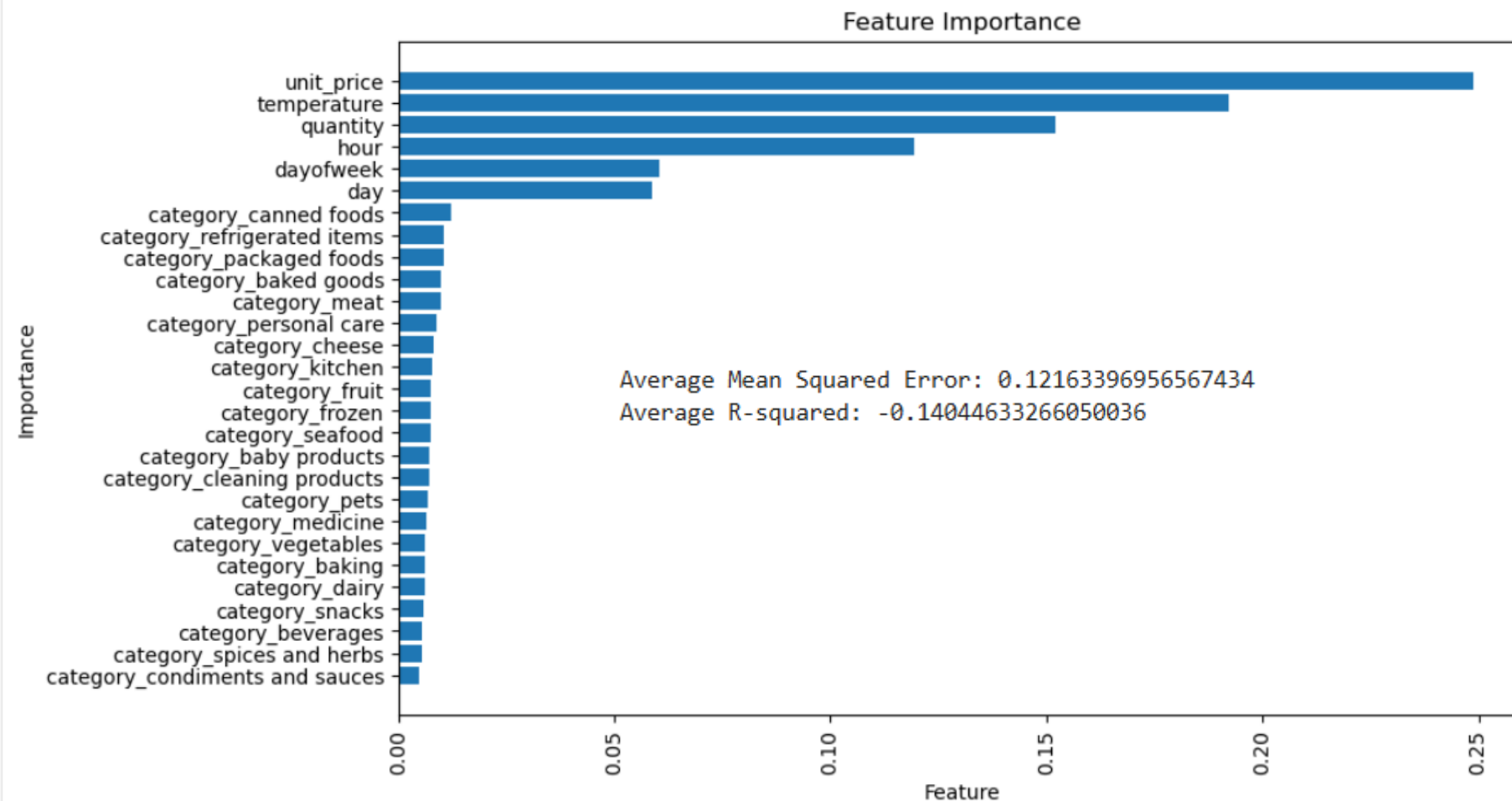

RETAIL STORE MODEL ANALYSIS



How to Better Stock Items Recommendations



- Most important factors were unit_price, temperature, quantity and hour of day in predicting stock values.
- Category variables did not help predict stock levels.
- The MSE suggests that, on average, the models' predictions have a moderate level of error when compared to the actual values.
- The negative R-squared value indicates that the models are performing worse than a simple baseline model that predicts the mean of the target variable.
- These results suggest that the Random Forest models, as currently trained, are not effectively capturing the relationships between the features and the target variable.
- Possible reasons could include inadequate feature selection, insufficient data, or inappropriate model hyperparameters.