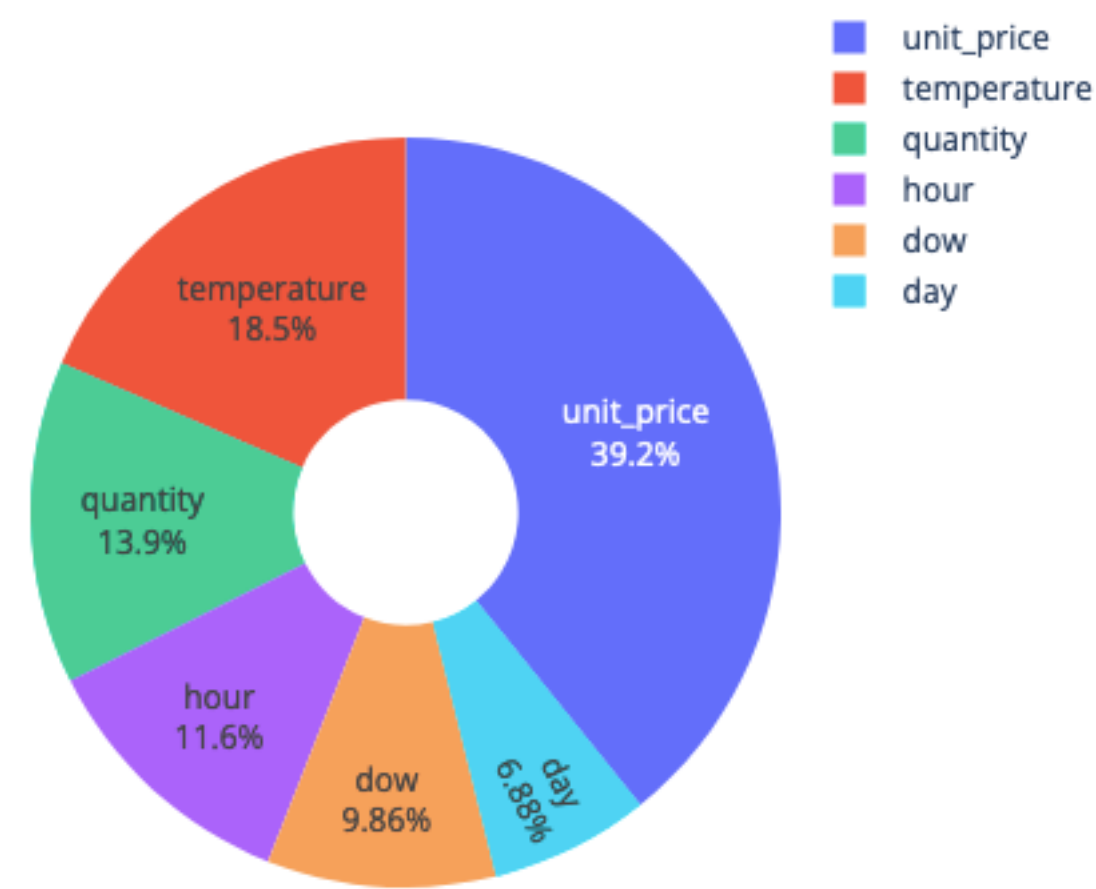


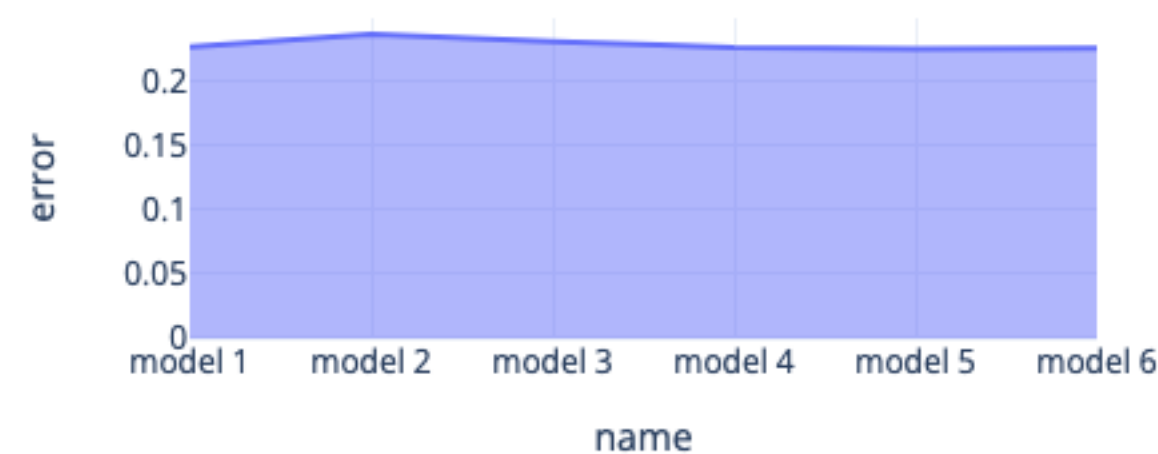
Task III

Building a predictive model and interpreting the results back to the business

IMPORTANCE OF FEATURES



DIFFERENT MODEL ARCHITECTURES MODEL ACCURACY



PRICING IS IMPORTANT

- **Unit Price** is an important feature in the prediction model
- Are there any more features about the products that we can include? Such as **product special periods**, frequencies

BUILDING ON IOT

- **Temperature** is an important feature in the model prediction. More data would most likely improve the accuracy of the predictive models

MORE DATA REQUIRED

- Models are not capturing the complexity of the underlying data
- **Preprocessing resulted in an improvement of 10%**
- Further improvements via feature engineering & preprocessing are possible, however **most significant improvement would come from the availability of more data**