Jackie Gan

CIS 5526

Dr. Vucetic

Predicting Stores Sales in Ecaudor Appendix

Figure 1 (turning dates into year, month, day):

Table

Description automatically generated

Figure 2 (Using one-hot encoding):Table

Description automatically generated

Figure 3 (lag features):

Table

Description automatically generated

Figure 4 (oil prices):

Graphical user interface, chart, line chart

Description automatically generated

Figure 5 (sales plot):

Chart, line chart

Description automatically generated

Figure 6 (oil correlations):

Table

Description automatically generated

Figure 7(sales by category): Chart, histogram

Description automatically generated

Figure 8 (sales with promotion):

Chart, histogram

Description automatically generated

Figure 9(sales by day of week):Chart, bar chart

Description automatically generated

Figure 10 (sales by month):

Chart, bar chart

Description automatically generated

Figure 11(Sales by year):

Chart, bar chart

Description automatically generated

Figure 12(linear regression score):

Text

Description automatically generated

Figure 13(xgboost score):Text

Description automatically generated

Figure 14(Decision tree score):

Text

Description automatically generated

Figure 15(feature importance):Chart, table

Description automatically generated