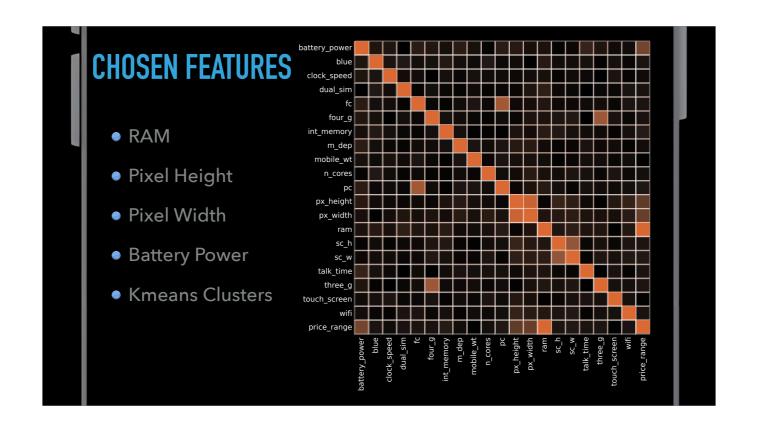
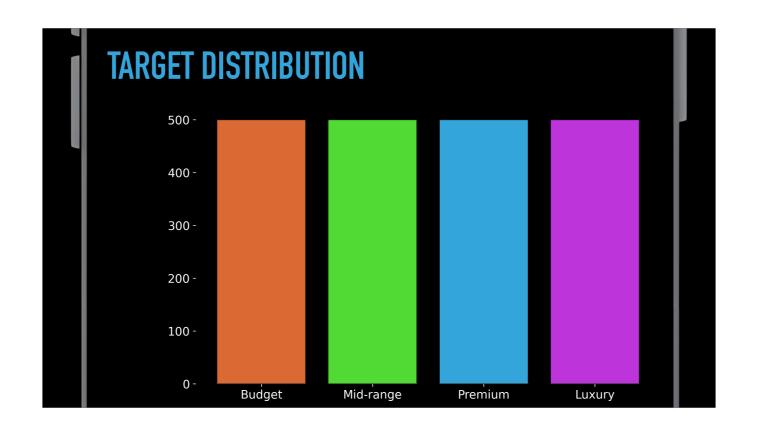




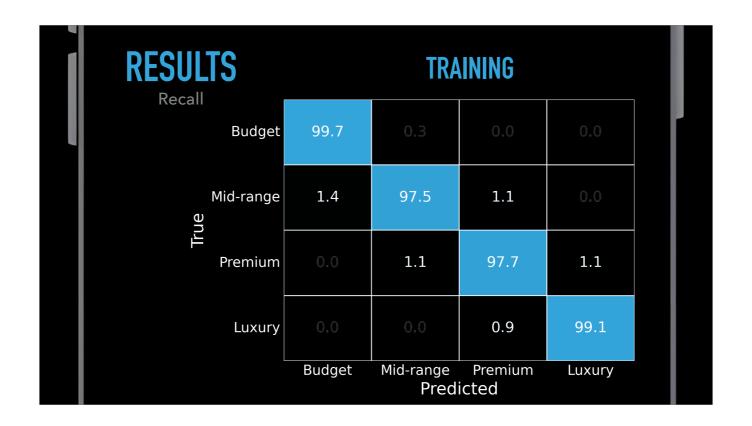
SORT INTO 4 CATEGORIES DATASET FROM KAGGLE 95.1% BASELINE



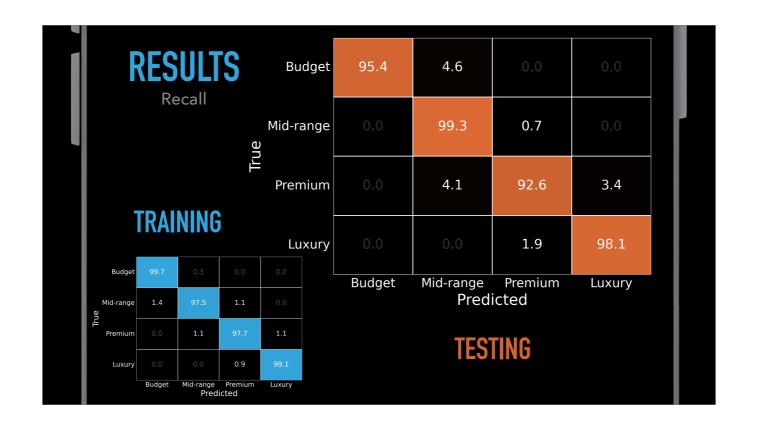
VERY MESSY CHOSE TOP 4 CREATED 4 CLUSTERS ON X DATA



TARGET VARIABLE IS PERFECTLY EQUAL



TRUE POSITIVE RATE PER ROW AFTER FINAL TRAINING



TRUE POSITIVE RATE PER ROW AFTER FINAL TESTING

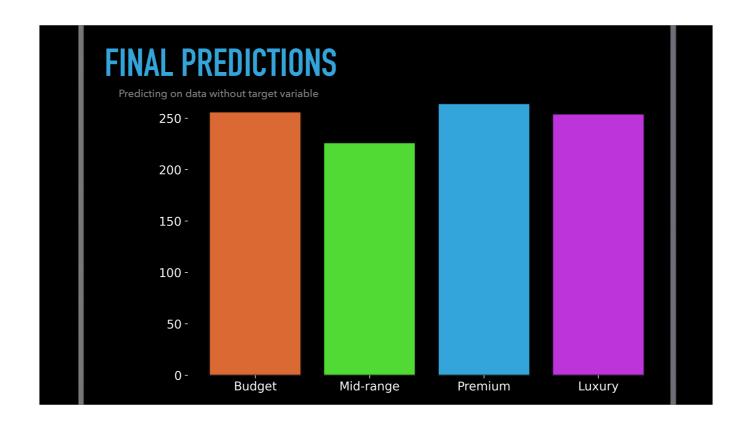


TESTED 6 DIFFERENT CLASSIFIERS ESTABLISHED BASELINE AT 95.1%



RELATIVE % INCREASE AFTER TUNING

HARDER TO INCREASE WHEN BASELINE IS ALREADY HIGH



PREDICTING ON TEST DATA WITHOUT TARGET VARIABLE

CONCLUSION

- 96.3% Accuracy with Logistic Regression
- Most of the features have very low impact on the price
- Predict expected price range to compare with actual price to make good deals

POTENTIAL USECASE: FIND DEALS BASED ON HARDWARE

FINAL NOTES • Could be improved to achieve higher Accuracy given time • Difficulties finding suitable dataset • Finding good way to visualise results THANK YOU

LAMENT OVER NOT BEING ABLE TO TALK ABOUT MUSHROOMS