







AGENDA









DATA CLEANING & CONSIDERATIONS

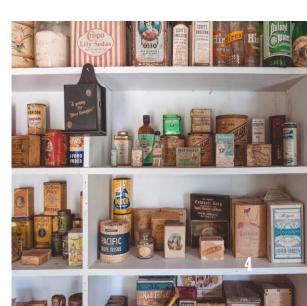
- Item Weights for 1985: Excluded
- 'Unknown Size' Category for missing Outlet Size
- Decade Instead of Establishment Year
- Item ID dropped

PRELIMINARY RESULTS

- There seemed to be some type of correlation between:
 - Sales and Visibility
 - Sales and MRP
- Final results only showed a decent not great correlation between Sales and MRP







FINAL MODEL

- Random Forest: n_neighbors = 200, min_samples_split = 2, min_samples_leaf = 2
- On average this model has an avg. error of 1076.84 (1076 million dollars) This is the lowest error margin we could get before the project budget ran out.
- It is possible that another model may have performed better









RECOMMENDATIONS

Get more data to refine model

Stock more items with high MRP

Perform tests to determine why higher visibility decreases sales

Sell more seafood



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SPECIAL THANKS TO