

MACHINE LEARNING – Project Proposal

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Project Title 1: Store Sales – Use machine learning to predict grocery sales.

Problem Statement: Predict sales for the thousands of product families sold at Favorita stores located in Ecuador.

Reason: And businesses forecast product demand—a common task of professional data scientists. Forecasts are especially relevant to brick-and-mortar grocery stores, which must dance delicately with how much inventory to buy. Predict a little over, and grocers are stuck with overstocked, perishable goods. Guess a little under, and popular items quickly sell out, leading to lost revenue and upset customers. More accurate forecasting, thanks to machine learning, could help ensure retailers please customers by having just enough of the right products at the right time.

Data Information:

Data Explorer

124.76 MB

- holidays_events.csv
- oil.csv
- sample_submission.csv
- stores.csv
- test.csv
- train.csv
- transactions.csv

Project Title 2: Santander Customer Transaction Prediction

Problem Statement: Identifying which customer will make a transaction?

Reason: Identify new ways to solve the most common challenge, binary classification problems such as: is a customer satisfied? Will a customer buy this product? Can a customer pay this loan? Identify which customers will make a specific transaction in the future, irrespective of the amount of money transacted.

Data Information:

Data Explorer

606.35 MB

- sample_submission.csv
- test.csv
- train.csv