Corporación Favorita Grocery Sales Forecasting

A casestudy in modelling grocery sales in Ecuadorian supermarkets

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Introduction

Competition is to forecast item sales in 54 different stores.

Data

Models

Results

Final model

- ▶ XGBoost model
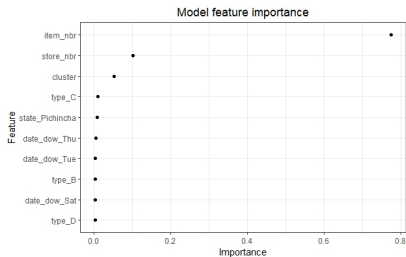 - ▶ hyper-parameters tuned: tree depth, min data points in a node, randomly sampled predictors
  - ▶ cross-validated results

Figure 1: Feature importance