

Goal: Prediction of sales price for BigMart store.

How sales price will be decided?

Data provide information about BigMart store. Model will be formed for prediction of sales price depending upon other features.

Information about the data:

- Data has 12 columns and 8523 rows.
- Calculated counts of each entry from the respective feature.
- Calculated count of unique entries from the features.

Visualization of Features:

- Plotted distribution of continuous features.
- Plotted count plot for categorical features.

Data Pre-processing:

- Handled Missing values.
- Encoded categorical features.

Splitting of Data:

Data is split with a test size of 10%.

Building of Regression Models:

XGBoost regressor is prepared.