

Ahmedabad
University

CSE523 Machine Learning

Weekly Project Report

Date: 25-02-2023

Project title: Big Mart Sales Prediction

Group 10

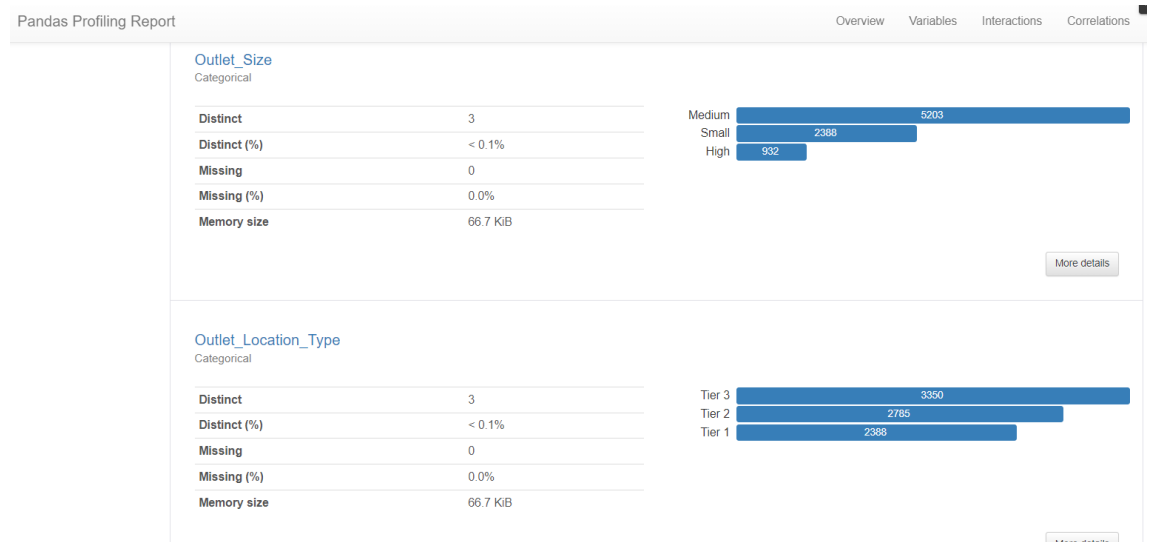
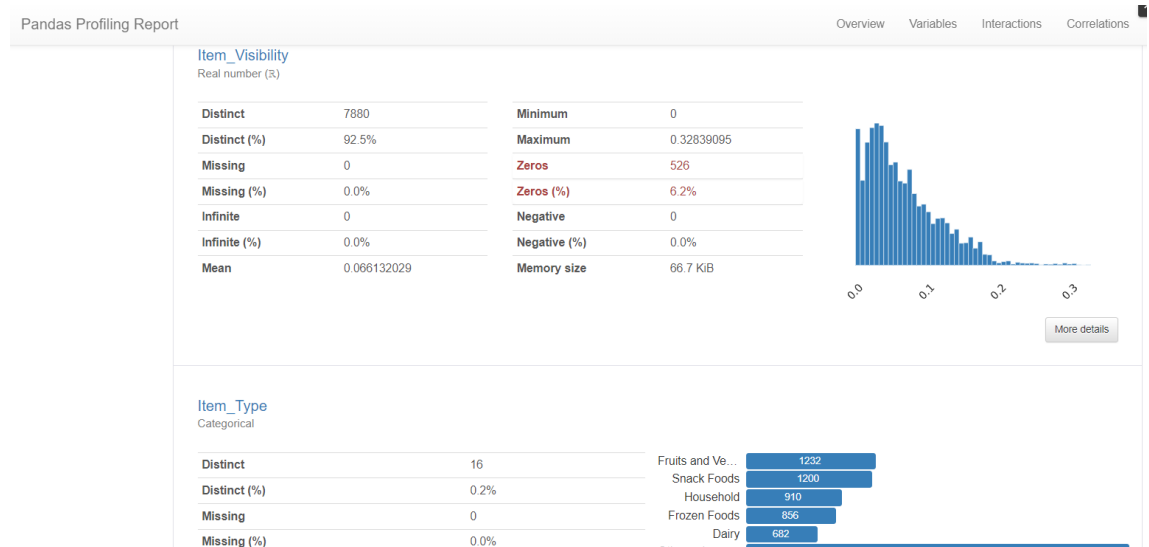
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1. Task performed this week

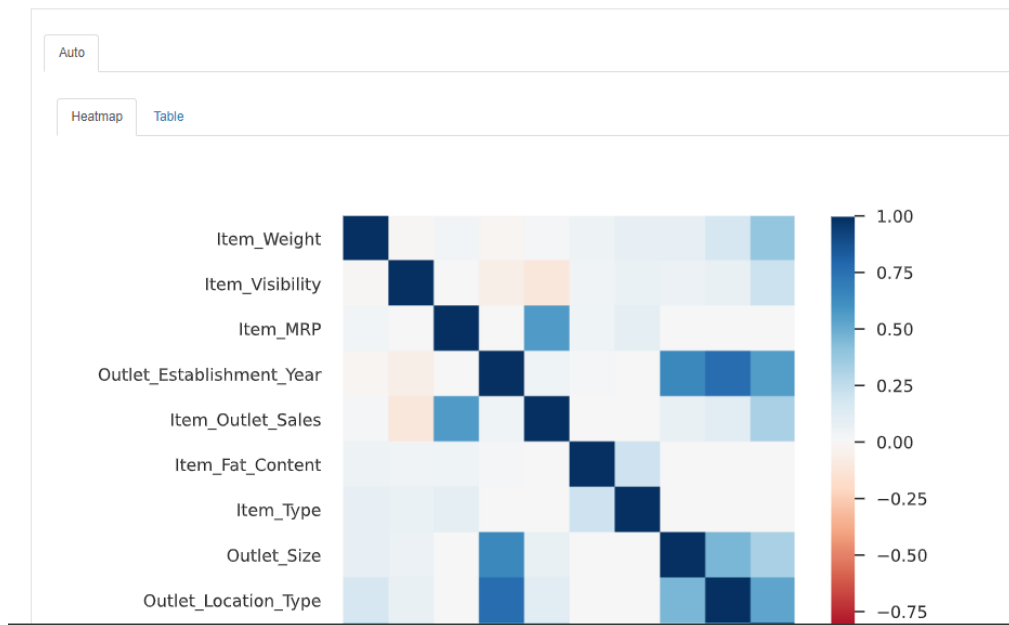
- Performed exploratory data analysis on the dataset using two libraries: Pandas-profiling and Klib.
- Performed necessary data cleaning.
- Performed required dimensionality reduction.

2. Outcomes of task performed

- The exploratory data analysis using pandas profiling prepared a profile report of the data by showing an overview of data and each feature by plotting the distributions and correlations.



Correlations



- The exploratory data analysis using the klib library includes plotting distributions of numerical features to see to type of distribution.



3. Tasks to be performed in the upcoming week

- We will perform the pre-processing and label encoding on the data.
- We will build and implement one of the prediction model.