LLD low level Documentation.

Sales Price prediciton.

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1. Introduction

1.1. What is Low-Level design document?

The goal of LLD or a low-level design document (LLDD) is to give the internal logical design of the

actual program code for Food Recommendation System. LLD describes the class diagrams with the

methods and relations between classes and program specs. It describes the modules so that the

programmer can directly code the program from the document.

1.2. Scope

Low-level design (LLD) is a component-level design process that follows a step-by step refinement process. This process can be used for designing data structures, required software

architecture, source code and ultimately, performance algorithms. Overall, the data organization

may be defined during requirement analysis and then refined during data design work

2. Architecture

Start -> Data Collection -> Data Transformation -> Data Preprocessing -> Data Vizulizing -> Model Building -> Pushing to cloud -> Application start -> data from user -> Prediction to user -> end.

3. Architecture Description

Data Description -> Data is given in the Csv Format.

Data Transformation -> Transformed the data in required format.

Data Pre-processing -> preprocessed the data.

Model Building -> uded different models for prediction.

model pusing to cloud -> deploying model to cloud.

Data from User -> taking data from user.

Data Validation

prediction.

4. Tools used.

Pycharm used and jupyter notebook.

5. Cloud platform used.

Heroku.

6. Libraries uded.

pandas

numpy

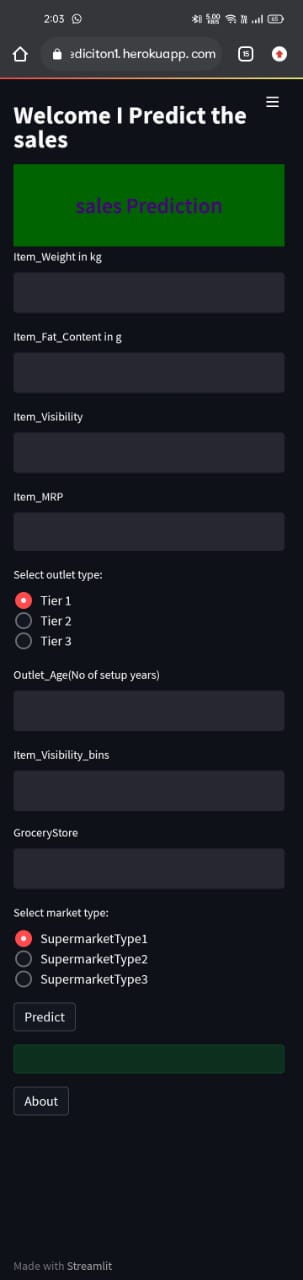
seaborn

matplotlib

sklearn

streamlit

7. Display.



Thanks

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