

Gala Groceries



Strategic planning
on data modeling and building predictive
models

Strategic plan

Use the all provided data and merge 3 tables: sensor_storage_temperature, sensor_stock_levels and sales

Step 1

Merge data

1

Data preparation

3

Data cleaning

2

Data clean and outliers removing

Analysis

Analysis and search of data insight in the merged tables

Step 2

Feature engineering
(generation of additional features)

Data transformation
(converting data into a format acceptable for the machine learning model)

Step 3

Modeling
(developing of a machine learning algorithm and selection of optimal parameters with cross-validation)

Evaluation
(estimating the quality of the model on a delayed sample and determining the feature importances)

Step 4

Model deploying