**Data Dictionary**

We have a train (8523) and test (5681) data set, the train data set has both input and output variable(s).

**Train file:**

**CSV** containing the item outlet information with a sales value

**Variable Description**

**Item\_Identifier** ---- Unique product ID  
**Item\_Weight** ---- Weight of product  
**Item\_Fat\_Content** ---- Whether the product is low fat or not  
**Item\_Visibility** ---- The % of the total display area of all products in a store allocated to the particular product  
**Item\_Type** ---- The category to which the product belongs  
**Item\_MRP** ---- Maximum Retail Price (list price) of the product  
**Outlet\_Identifier** ---- Unique store ID  
**Outlet\_Establishment\_Year** ---- The year in which the store was established  
**Outlet\_Size** ---- The size of the store in terms of ground area covered  
**Outlet\_Location\_Type** ---- The type of city in which the store is located  
**\*Outlet\_Type** ---- Whether the outlet is just a grocery store or some sort of supermarket  
**Item\_Outlet\_Sales** ---- sales of the product in t particular store. This is the outcome variable to be predicted.

**Test file:**

**CSV** containing item outlet combinations for which sales need to be forecasted

**Variable** **Description**  
**Item\_Identifier** ----- Unique product ID  
**Item\_Weight** ---- Weight of product  
**Item\_Fat\_Content** ----- Whether the product is low fat or not  
**Item\_Visibility** ---- The % of the total display area of all products in a store allocated to the particular product  
**Item\_Type** ---- The category to which the product belongs  
**Item\_MRP** ----- Maximum Retail Price (list price) of the product  
**Outlet\_Identifier** ----- Unique store ID  
**Outlet\_Establishment\_Year** ----- The year in which store store was established  
**Outlet\_Size** ----- The size of the store in terms of ground area covered  
**Outlet\_Location\_Type** ---- The type of city in which the store is located  
**Outlet\_Type** ---- whether the outlet is just a grocery store or some sort of supermarket

**Source:** https://www.kaggle.com/datasets/shivan118/big-mart-sales-prediction-datasets?select=train.csv