**WALMART RECRUITING**

**Introduction:**

In this project we are provided with the information about the products that are available in Walmart and whose sales can be affected by the weather conditions. A total of 111 products are available in the store across 45 branches of it. All these 45 stores are covered by 20 different weather stations. The goal of this project is to determine, which product is sold around the time of a weather event. We need to analyse the record of the items that are sold during a weather event, and the time interval is 3 days before the event and 3 days after the event. In this project

**Test Data:**

The test data for this project is as follows:

I chose this project from the website Kaggle. I have used the dataset that is available in the same website.

The variables that I used in this project are as follows:

Date: The days of sales or weather

Store\_nbr : An ID representing one of the 45 stores.

Station\_nbr : An ID representing one of the 20 weather stations

Item\_nbr: An ID representing one of the 111 products.

Units: The quantity sold of an Item in a given day.

This is the data which has information of everything that is required to analyse the items that will be affected during the event of weather.

**Estimated Data Analysis:**

In in this model I am trying to show a minimum and maximum standard deviation, mean values for all the attributes in the dataset. I checked for null values for all the variables in the dataset and found no missing values. As plotted the bar charts and histograms of allthe attributes and a sample of this is below.



