**Walmart Online Pick-up Orders Machine**

**Abstract**

The goal of this project was to use EDA to find out the most crowded stores. Walmart is planning to expand their business and reach out to more shoppers through their pickup machine.

We will help them by analyzing their sales dataset and providing to them the stores that are suitable to their pickup machine.

with data provided by Kaggle, and After refining a dataset, I built 6 graphs to visualize and communicate my results using Python and matplotlib , seaborn library.

**Design**

The objective of this study is to use past data to find out the most crowded stores by analyzing their sales dataset and providing to them the stores that are suitable to their pickup machine.

the question has to answer what are the highest 10 stores based on weekly sales? Which store has maximum sales?

**Data**

In view of solving the problem and obtaining a realistic result, we decided to use the Walmart Online Pick-up dataset for the Holiday Events Super Bowl and Labour Day, Thanksgiving, Christmas.

data set has 6435 rows and 8 columns.

**Algorithm**

In data cleaning stage I observe that the dataset contains NULL values, We created new columns (day, month, year) to find out the monthly sales for each year 2010-2012

**Tools**

• Python programming language

• Pandas, Numpy, Matplotlib, seaborn.

• Jupyter notebook.

**Communication**

In addition to the slides and the jupyter notebook Code submitted, we will deliver a 5 minutes slide presentation in the final day