

# PROCEDURE TO CALCULATE THE DROPOFF-RATE BY TARGET DRUG PATIENTS

## Step 1:

- Load the Dataset train.parquet file.

## Step 2:

- Split the data into TARGET DRUG as eligible, other than Target Drug is not eligible.

## Step3:

- Preprocess the date columns
- Extract the Month from the date column.

## Step 4:

- Calculate the No.of.Days between the Incident for all unique patients.
- It shows the Days taken by the patients for the next drug.

## Step 5:

- Calculate the Dropoff-rate by Considering the Days below a (365days) year.

## Step 6:

- Visualize the Dropoff –Rates in different graphs to get an better understanding.
- A line graph shows the Dropoff rates over the period of time.
- In addition to that, I have done bar graph to get more clear insights from the drop-off rates.

## NOTE:

I Have added the necessary Comment in that particular step, to get a proper understanding.