

# STEP BY STEP PROCEDURE FOR PRESCRIPTION PROCEDURE

## Step 1:

- Load the Dataset train.parquet file.

## Step 2:

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

## Step 3:

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

## Step 4:

- Groupby the patient and month column in order to get the Prescription count for the unique patients.
- Check the prescription pattern using the Prescription column.

## Step 5:

- Visualize the prescription pattern using histogram plot to get the frequency of the prescription distribution taken place.
- I have used violin plot to see the how much prescription counts goes.
- We can get insights from these to plot about the prescription rate .

## NOTE:

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