Problem Statement 2 - **Analyzing Dropoff Rate for "Target Drug"**

In problem statement 2, the goal was to study the dropoff rate for the "Target Drug" and identify events leading to patients stopping the treatment. The steps followed to analyze dropoff rate and events were as follows:

1.Data Preprocessing:

- Filtered the data to include patients who have taken the "Target Drug."
- Converted the 'Date' column to datetime type.

2.Dropoff Rate Calculation:

- Calculated the dropoff rate each month by counting the number of patients who stopped taking the drug.

3.Events Leading to Dropoff:

- Analyzed the medical history of patients who dropped off the "Target Drug."
- Created timelines of incidents for each patient before dropoff.
- Identified common events or sequences associated with patients stopping the drug.