

This is the dashboard required based on the dataset provided for the assignment.

## Lets go step by step

## 1. Data Preprocessing::

- Understood the data, tried to analyze the patterns
- Got to know that data is of one user, from one device and over 2 months of browsing data
- Extracted date, time, month and year to get some good insights.
- Removed the rows in which the Title is none.

## 2. Creating Dashboard::

- Did 5 diff types of plots
- 1<sup>st</sup> is which Title is searched the most to understand the interests of user.
- 2<sup>nd</sup> is Transition pie chart which tells us the type of page was opened ie, links, forms etc.
- 3<sup>rd</sup> is a heatmap of usage of device which tells us frequency of websites visited per hour.
- 4<sup>th</sup> is count of website per day.
- 5<sup>th</sup> is name of most visited sites monthly acc to day.

So, this is the whole idea behind making the dashboard, there are still scope of improvement such as using visited\_id and referring\_visit\_id to understand the flowgraph.