Practice 8

In this exercise we will prepare a visualization of the data in a global way.

Many companies need a global view of data for managers to understand what is happening over a period of time. This type of visualization is called ' DashBoard '.

Preparing a dashboard in general has 3 phases: Cleaning the data, calculating indicators and finally presenting the indicators in a global way.

For this we will use the dashboard.xlsx data file.

Data has been prepared.

Our indicators:

1- Total number of calls per date

2- Total number of Success per date

3- Total number of failures per date

a-We want to see this data in a graph with a time series legend. Then we want to see in the same graph the ratio of success /total calls as a function of date.

b-We want to see another graph that presents the success and failure by State in the form of a bar graph.

c-We want to see a piechart that displays failure-success-timeout as a percentage

d-We want to see at the end which state was the most ' successful ' in share ratios.

e-We also want to see a double piechart that displays the total number of actions/ State and number of success / state .

f-We want to know the number of succes by Time_Period (be careful with the ordering)

Now the dashboard should be displayed in a single figure that contains the 6 fields. All subtitled, organized in a visually pleasing and clear way. The point 'd' only has a text which will be the name of State .

Note: Point f requires more time