

# Meeting Data Visualizer - Specification

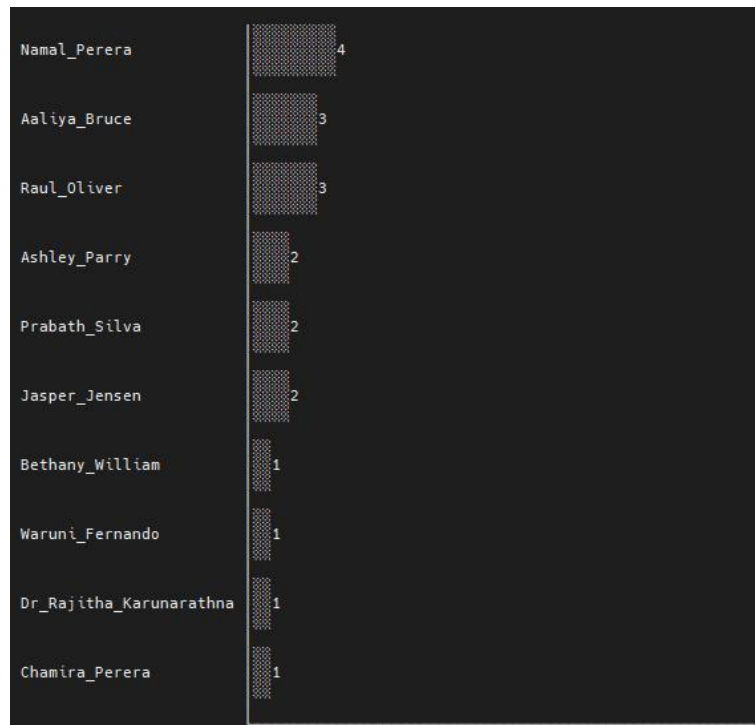


Figure 1: The Sample output of the program. People with most number of meetings are displayed as a horizontal bar chart

Fig 1 shows the output of the program concerning the maximum number of meetings. There are different control and input arguments for the program. According to the arguments, the program will change its behaviour and result in the output.

## Program output

### Control arguments for the program

File name/ File Names

The program will be able to accept any number of file names in any order. Input files should be CSV files. Also the file names will not start with '-'. eg: -file.csv

## Number of rows in the chart

The argument specifies the number of rows in the bar chart. It should be given as `-l 10` where 10 is the limit. It can be any positive integer. A number should always follow the `-l` argument. The pair can be in any place of the arguments list

## Scaled option

When scaled argument is given, the first row of the graph fully occupy the max print width. Any other row scale to be matched with first row scale factor.



Figure 2: The sample output from the program. 5 people with most number of meetings are displayed as a horizontal bar chart. The bar for the greatest value expands trough out the print area and others are proportional to that

## Meetings/participants/duration Representation

The program can analyse three different parameters, No. of Meetings, No. of Participants and Duration. If the output should list meetings, the `m` should be given. If the output should list participant counts, the `p` should be given. If the output should list time duration, the `t` should be given.

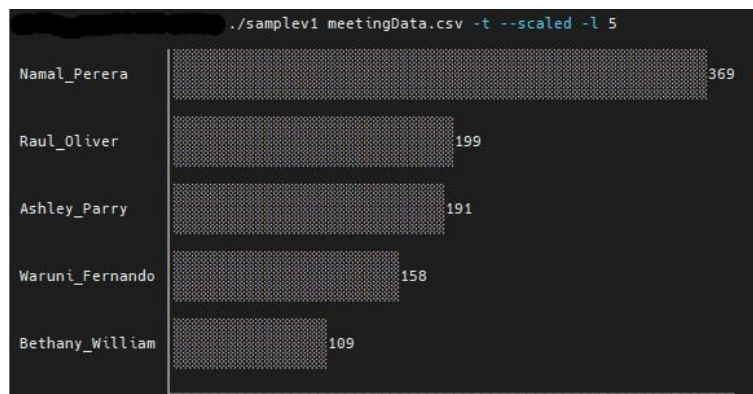


Figure 3: The sample output from the program. People with maximum meeting duration in minutes are displayed as a horizontal bar chart

## **Default options**

The program take at least one file name to work. All other arguments are optional. If not given, the program will work as non-scaled, will output counts for meeting and limit the output rows to 10.

## **Introduction to data**

Each row of the csv file represents one meeting. Each row contains the name of meeting host, number of participants and the duration of the meeting in the format of hh:mm:ss. While printing, if two entries share the same frequency, the first occurred meeting in the file should be printed first on the chart.