

Documentation for Shiny App

Abhishek Umrawal

=====

1. Introduction

As a course project for the Developing Data Products course of the Data Science Specialization offered by Bloomberg School of Public Health of the Johns Hopkins University through Coursera, I have created a *Shiny App* to perform *Exploratory Data Analysis*.

1.1. How the evaluator should reach to this Shiny App?

I have deployed this App by means of creating a GitHub Repository named as *ShinyApp* under my username *abhishekumrawal*. Everything including this documentation is shared there. The evaluator has to *simply type* and run the following command on the *RStudio* console:

```
runGitHub( "ShinyApp", "abhishekumrawal")
```

2. What is Mean Total Number of Steps taken per day?

2.1 Plotting the Histogram

2.2 Calculating Mean and Median of the Number of Steps

Conclusion: The activity patterns are observed to be different between Weekdays and Weekends. Weekend activity patterns are relatively more volatile (random) as compared to Weekday activity patterns.