Expository Data Analysis with R

HOWARD UNIVERSITY

Calendar Spring 2017

**Lecture Topics Covered**

1. January 13, Friday **Introduction to R and RStudio (*Jeff, William*)**
2. January 27, Friday The **Basics of R (*Shifrah*)**
3. February 3, Friday **Descriptive Statistics & Exploratory Data Analysis**
4. February 10, Friday*.* **Descriptive Statistics & Exploratory Data Analysis Cont.**

**(*Damian, Jeff*)**

1. February 17, Friday dplyr, reshape, data table Packages (*Brian, Simeon, Damian*)
2. February 24, Friday **R Programming, and Dates and Time (*Jeff*)**
3. March 3, Friday Overflow topics, R-apply (*Jeff*)
4. March 10, Friday Producing Graphs in R using ggplot2 (*Tom, Simeon*)
5. March 24, Friday Simple Linear Regression *(Simeon, Jeff)*
6. March 31, Friday Midterm project presentations
7. April 7, Friday Multiple Linear Regression (*Simeon, Jeff*)
8. April 14, Friday Overflow Class
9. April 21, Friday Reproducible project using R markdown (*Simeon*)
10. April 28, Friday **Final project presentation**s
11. May 5, Friday **Final project presentation**s