

# Expository Data Analysis with R

## HOWARD UNIVERSITY

### Calendar Spring 2017

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Lecture	Topics Covered
1. January 13, Friday	Introduction to R and RStudio ( <i>Jeff, William</i> )
2. January 27, Friday	The Basics of R ( <i>Shifrah</i> )
3. February 3, Friday	Descriptive Statistics & Exploratory Data Analysis
4. February 10, Friday.	Descriptive Statistics & Exploratory Data Analysis Cont. ( <i>Damian, Jeff</i> )
5. February 17, Friday	dplyr, reshape, data table Packages ( <i>Brian, Simeon, Damian</i> )
6. February 24, Friday	R Programming, and Dates and Time ( <i>Jeff</i> )
7. March 3, Friday	Overflow topics, R-apply ( <i>Jeff</i> )
8. March 10, Friday	Producing Graphs in R using ggplot2 ( <i>Tom, Simeon</i> )
1. March 24, Friday	Simple Linear Regression ( <i>Simeon, Jeff</i> )
2. March 31, Friday	Midterm project presentations
3. April 7, Friday	Multiple Linear Regression ( <i>Simeon, Jeff</i> )
4. April 14, Friday	Overflow Class
5. April 21, Friday	Reproducible project using R markdown ( <i>Simeon</i> )
6. April 28, Friday	Final project presentations
7. May 5, Friday	Final project presentations