Expository Data Analysis w/ R - ECON 314

HOWARD UNIVERSITY

ACADEMIC CALENDAR

**Day Lecture Topics Covered**

1. September 2, Friday *1.* **Introduction to Basics**
2. September 9, Friday *2*. **Data Input, Management and Output**
3. September 16, Friday *3.* **Descriptive Statistics & Exploratory Data Analysis (EDA) in R, 1**
4. September 23, Friday *4.* **Descriptive Statistics & Exploratory Data Analysis (EDA) in R, 2**
5. September 30, Friday *5.* **Descriptive Statistics & Exploratory Data Analysis (EDA) in R, 3**
6. October 7, Friday *6.* **R Programming, Navigating the Operating System and Dates**
7. October 14, Friday *7.* Simple Linear Regression and ANOVA in R, 1
8. October 21, Friday Midterm project presentation – Part 1 of 2
9. October 28, Friday Midterm project presentation – Part 2 of 2
10. November 4, Friday *8.* Simple Linear Regression and ANOVA in R, 2

Producing Graphs in R using base plot and ggplot2

1. November 11, Friday UNIVERSITY CLOSED – Veterans Day Observed
2. November 14, Friday *9.* Make-up class – Overview of functions covered in chapters 1-8
3. November 18, Monday *10.* Date and Time
4. November 25, Friday UNIVERSITY CLOSED – THANKSGIVING RECESS
5. December 2, Friday *11.* Picture day (9:40-9:45am). Dplyr, reshape, data tables – after 10am
6. December 5, Monday **Final project presentation** – Part 1 of 2
7. December 7, Wednesday **Final project presentation** – Part 2 of 2