Week 5 - Assignments

DSLA COURSE

ROHIT PADEBETTU

Course Assignments

Programming Assignments

Reading Assignments

Presentation Assignments

Technical Skills Assignments

Writing Assignments

Citi Bike || NYC taxi Case

Citi Bike Case Analysis
Build a model to predict Bike demand at specific locations
Data: https://www.citibikenyc.com/system-data
Example Analysis
http://toddwschneider.com/posts/a-tale-of-twenty-two-million-citi-bikes-analyzing-the-nyc-bike-share-system/

OR

NYC Taxi rides (for greater challenge)
Example Analysis
http://toddwschneider.com/posts/analyzing-1-1-billion-nyc-taxi-and-uber-trips-with-a-vengeance/

Technical Assignment

Teach yourself Shiny
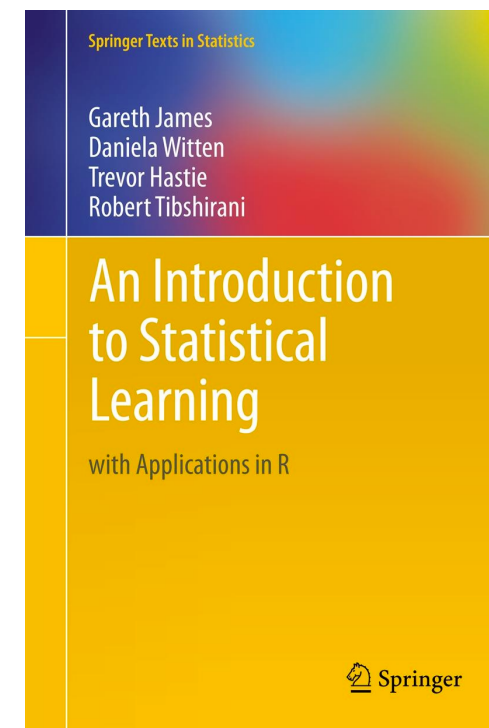
Setup EMR cluster on AWS

Programming Assignment

Code Submission on Github for Case

Reading Assignment

Read All Chapters again!

Springer Texts in Statistics

Gareth James
Daniela Witten
Trevor Hastie
Robert Tibshirani

An Introduction
to Statistical
Learning

with Applications in R

Springer

Writing Assignment

Submit by Saturday
Written Report (not to exceed 15 pages) on Case

Presentation Assignment

By Saturday Submit

Your Presentations on Case

1. Technical Presentation
2. Business Presentation (Not to exceed 5 slides)

Data

Have good rest of weekend!