Complete List of Homework Assignments – October-December 2019

Week	Reading	Goals
1	Introduction & Chapter 1	Topic: **Getting started and Statistical Vocabulary** The homework for week one is exercises 1, 3, and 4 on page 20.
2	Chapter 2	Topic: **Basic Probability**; The homework for week two is exercises 1 and 2 on page 35, as well as problems 6, 7, and 8 on page 36.
3	Chapter 3	Topic: **Sampling Distributions**; The homework for week three is exercises 2 through 7 on pages 50 and 51.
4	Chapter 4	Topic: **Statistical Inference Part I**; The homework for Week 4 is exercises 7-10 on page 66.
5	Chapter 5	Topic: **Statistical Inference Part II**; The homework for week five is exercises 6 through 10 on pages 86 and 87.
6	Chapter 6	Topic: **ANOVA & Experimental Groups**; The homework for week 6 is exercises 1-7 on pages 117 and 118.
MT	Mid-term	Complete mid-term test within 24 hours of its release at the end of live class 6. The deadline for HW 6 will probably be extended. The midterm will not include material from week 6.
7	Chapter 7	Topic: **Measures of association**; The homework for week seven is exercises 3,4, 8, 9, and 10 on pages 155 and 156.
8	Chapter 8	Topic: **Multiple Regression/Linear Prediction**; The homework for week 8 is exercises 1-8 on pages 181-182.
9	Chapter 10	Topic: **Categorical Analysis**; The homework for week 9 is exercises 1, 5, 6 and 7 on page 234.
10	Chapter 11	Topic: **Time Series Analysis**; The homework for week 10 is exercises 2, 5, 6, 7, and 8 on pages 272 and 273.
11		Final examination: For the final exam, you will receive a custom dataset that is unique to you. You will have a set of analytical challenges and will be responsible for writing up the results. The exam will become available after you have received feedback from Homework 10.