

Statistical Learning – Pre work for Second Residency

Hypothesis, T-testing & ANOVA

For basic start to hypothesis testing, we suggest you to read:

1. Hypothesis testing (Page No: 172 to 175) – It gives you a basic understanding of what hypothesis is and how do we set hypothesis based on the problem and test it
2. Decision errors (Page No 176) – What you should be careful about while testing your hypothesis.

To understand the basics of T – testing, we suggest you to read:

1. T testing (Page No: 230 to 232)

For the base of ANOVA,

1. Comparing many means with ANOVA (Page No: 236 to 239).

By reading through the above selected sections, you should have a fair base understanding of what Hypothesis, T – testing and ANOVA is and it should gear you up for the topics which is going to be taught in class.