

DS0101 BASIC STATS LESSON 7

Uniform, Binominal, T-test, F-distribution

This Excel has all three dataset

- Sheet 1: Student's Schedule
- Sheet 2: Texas Elevation
- Sheet 3: Depression Score

Part 1: Student's Schedule / Independent T-test

- 1.) state the hypothesis: Null and alternative
- 2.) Determine what t-test: Independent T-test
- 3.) What is the significance between the p-value and the alpha level?
- 4.) make a graph (show the info visually and interpret the results)
- 5.) State the hypothesis after analysis (reject or fail to reject the null hypothesis)

Part 2: Texas Elevation / Single Sample T-test

- 1.) state the hypothesis: Null and alternative
- 2.) Determine what t-test: Single Sample T-test
- 3.) What is the significance between the p-value and the alpha level?
- 4.) make a graph (show the info visually and interpret the results)
- 5.) State the hypothesis after analysis (reject or fail to reject the null hypothesis)

Part 3: Depression Score/ Dependent T-test

- 1.) state the hypothesis: Null and alternative
- 2.) Determine what t-test: Dependent T-test
- 3.) What is the significance between the p-value and the alpha level?
- 4.) make a graph (show the info visually and interpret the results)
- 5.) State the hypothesis after analysis (reject or fail to reject the null hypothesis)

