

Data Science Course: Inferential Statistics

Mini-Project: Human Body Temperature

Learning Objective

- Learn to analyze a dataset of human body temperatures
- Learn to employ hypothesis testing
- Learn to employ confidence intervals
- Learn to employ statistical significance

Criteria	Meets Expectations
Completion	The code runs successfully.
Process and understanding	 The submission shows that the appropriate statistical tests were applied by the student. The submission shows the correct solutions to all of the questions have been applied. The submission shows that all questions were answered correctly, in detail, and the explanations demonstrate an understanding the relevant methods.
Presentation	The project is delivered in a Jupyter notebook, uploaded to GitHub, and doesn't contain any unnecessary printouts.

Excellence: Both the traditional (frequentist) and the "hacker stats" approaches are applied. The explanations and visualizations produced are above and beyond what is required.