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.