

## Data Science Course: Inferential Statistics

### Mini-Project : Hospital Readmissions

#### Learning Objective

- Learn to critique a preliminary analysis of real world data
- Learn to construct a statistically sound analysis to make recommendations.

Criteria	Meets Expectations
Completion	<ul style="list-style-type: none"><li>• The code runs successfully.</li></ul>
Process and understanding	<ul style="list-style-type: none"><li>• The submission shows that the appropriate statistical tests were applied by the student.</li><li>• The submission demonstrates an understanding of all the questions correctly, in detail, and the explanations demonstrate an understanding of the relevant methods.</li></ul>
Presentation	<ul style="list-style-type: none"><li>• The project is delivered in a Jupyter notebook, uploaded to GitHub, and doesn't contain any unnecessary printouts.</li></ul>

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