



COMP 150: Pandas and Plotly Week 10, Lab 06



Lab 06

1. What is this data set?
2. What does the the “time” column describe in the data set?
3. What are all of the days represented in the data set?
4. Create a scatterplot. Let x be the total bill and y be the tip. What is the highest tip /average tipping, and what is the value? Copy and paste this figure into your submission.
5. Create a box plot. Let x be the day and y be the tip. Which day has the highest average tipping, and what is the value? Copy and paste this figure into your submission.
6. Create another box plot. This time, add a `facet_row` to put tips from different rows. Which day has the highest vs the lowest average tipping? Copy and paste this figure into your submission.
7. Now, create another box plot. Add a “color” field to differentiate between sexes, and use “`barmode=group`” to put like bars near each other. Use this figure to answer the question: do we have data for both sexes for all days of the week? Explain. You can use your figure.