**Visual analysis mini project**

**Scope:** Create and share a Colab notebook to analyze transportation data for the LA-freeways dataset using the tools of your choice.

**About the dataset:** The LA-freeways dataset contains average traffic speed on freeway segments in LA for 7-9am and 4-7pm (rush hours) on both directions for M-F week days:

- 2016: week of May 30 - June 3 and week of June 13-17

- 2017: week of May 29 - June 2 and week of June 12-16

- 2018: week of May 28 - June 1 and week of June 11-15

For each year you have 2 weeks before and 2 weeks after the end of the school year. Refer to README.md in the LA-freeways datasets folder for details.

**Visual data analysis:** Analyze the dataset using Pandas dataframes and a python visualization tool(s) of your choice (amongst the ones we covered in class). Example questions you may want to examine are:

* Are there days of the week for which the rush hour traffic if more severe than others?
* Is there a difference in rush hour traffic before and after school ends?
* Is there a difference between morning (7-9am) and afternoon (4-7pm) rush hour traffic? For what day of the week?

Use [Markdown in Colab](https://colab.research.google.com/notebooks/markdown_guide.ipynb) in Colab text cells to document your findings along the plots. Share the executed notebooks in ***this mini-project*** folder naming your Colab file by first and last name:

*first-name\_last-name.pynb*

**Homework due:** July 15th midnight