1. Your project must include visualizations. The visualizations can be created with:
   * **Python** (e.g. Matplotlib, Pandas plotting, hvplot)
   * JavaScript (e.g. Plotly or **Leaflet**)
   * A Python or JavaScript visualization library that was not covered in class
2. Data must be stored in and extracted from at least one database (**PostgreSQL, MongoDB**, SQLite, etc).
3. Your project must include at least one JavaScript OR Python library that we did not cover **(Mapbox)**.
4. Your project must be powered by a dataset with at least 100 records **(ski lifts in US/Canada, maybe flight data, maybe road data)**.
5. Your project must include some level of user-driven interaction, such as:
   * HTML menus, dropdowns, and/or textboxes to display JavaScript-powered visualizations
   * Flask backend with interactive API routes that serve back Python or JavaScript created plots
   * Visualizations created from user-selected filtered data **(regions, lift prices)**, which could be powered by:
     + JavaScript libraries **(leaflet)**
     + Python in Jupyter Notebook
     + Command-line Python scripts that save visualizations locally

**Remember:** You have learned how to filter data in Pandas, JavaScript, SQL, SQLAlchemy, and MongoDB.

1. If possible, your final visualization should ideally include at least three views **(regions, lift prices, show traffic data maybe)**.
2. Your GitHub repo must include a README.md with an outline of the project including:
   * An overview of the project and its purpose
   * Instructions on how to use and interact with the project
   * At least one paragraph summarizing efforts for ethical considerations made in the project
   * References for the data source(s)
   * References for any code used that is not your own

Interactive Map

* Pop-up Markers
  + Colored based on conditions, slope closure percentages provided from skiapi
    - Red: no lifts open (<25%)
    - Green: >75% or more than 4, and fresh snow fall
  + When clicked: lists conditions, slope closures, weather forecast, number of lifts running, lift prices
* Drop-down: filter based on lift pass (coverage, prices, etc)
* Include road closures for driving to resort (information from Tom Tom)