

## Implementation:

This is about the overall assessment of your final project's implementation (coding part). **Submit the URL to your Github repository** on Canvas. This should be submitted individually on Canvas (It can be the same link for the team or you have one under your own account). Failure to do so will cause a 5% penalty to your individual (not team) grading.

Besides the source code, your Github package should include a **readme.md** describing software functionalities that you want the instructor and TA to know and the corresponding user instructions to run the software.

- **Readme.md [10%]**
  - Description - Describe the repository in a few paragraphs
  - Installation - How to install and setup your code
  - Execution - How to run a demo on your code
- **Demo video [optional]**
  - 1-minute video showing how to install and execute your code (feel free to speed up or remove less relevant segments)
  - Share as a [unlisted YouTube Video](#) and attach the link in Readme
  - This is optional and will not be graded
- **Functionality [80%]**
  - Should be runnable and should perform as described in your final report
  - [-30%] if the major advanced visualization is not implemented using d3.js
- **Code Quality [10%]**
  - Code should be readable, well-organized, and reasonably modular
  - Important parts of the code should include clear and concise comments that explain what the code is doing and why
  - Use meaningful variable and function names

### Should datasets be included as part of our submission?

That depends on the size and purpose of the dataset. If you are using a small or toy dataset, for example to support a demo or quick-start usage, you are welcome to include it. This is similar to how many open-source software libraries provide example datasets to help users get started. If you do include such a dataset, be sure to also provide instructions for running your system on it.

For large datasets, please do not include them directly in your submission. If the dataset is publicly available and can be easily downloaded, provide a link to it. If access to the dataset requires additional steps, such as registering for an account or requesting an API key, you should include any scripts you wrote to automate the process and clearly describe the steps needed to obtain the data.

If you have modified, filtered, or preprocessed the dataset in any way, include the code you used for this processing along with a description of the steps required to reproduce the processed data from the original source.

As a student at UC Davis, you have access to box.com using your UC Davis email. You can use this service to share your data or processed files in a compressed format (e.g., a ZIP file). If you do so, include the shared link in your **README**, and make sure to clearly explain what is in the ZIP archive and how to use its contents after extracting them.

The goal is to make it easy for others to run your code or reproduce your results with minimal additional setup.

### [Course Logistics Page:](#)

**Team Projects.** Team projects, of course, encourage collaboration. The final project can be completed in a team of 2-3 students. You're encouraged to collaborate on all aspects of the project and ensure every team member participates in design, coding, and documentation. While the team will receive a single grade, each member will be required to identify their individual contributions to ensure fair distribution of work. However your final project presentations will be evaluated on an individual basis.

**Team Open Communication.** All project-related communication (including emails, Teams, or Slack messages) must be visible to the entire team. Do not send private messages to only a subset of team members. This ensures transparency and keeps everyone informed. Please read the [[Tips for Working Successfully in a Group](#) ➞].