

Milestone 7: Polish & Present (Extra Credit)

Due Date: Sunday, 04/05

Overview

This milestone is designed for students who want to polish their work to a production-ready quality and practice defending their technical choices in a live environment.

Collaboration

You may complete this milestone individually or with your existing Project 1 team. If you choose to work on it as a team, each person must contribute meaningfully to the project.

Reward

Up to 5 points will be added to your Project 1 score (total project score can exceed 100%).

Part 1: Planning & Scope Approval

Before making your changes, ensure your proposed scope is appropriate for this assignment.

1. Review the comments provided by the TA on your previous milestone submissions.
2. Outline the specific technical enhancements you intend to make. Improvements may target one or more stages of Project 1, such as expanding data collection and refining cleaning logic, crafting insightful visualizations or elevating UI/UX.
3. The plan must list all contributors and their specific responsibilities for this milestone.
4. Attend office hours to run your plan by the Professor.
 - If your proposed plan is too narrow, the Professor will suggest additional items to ensure sufficient scope.
 - If your proposed plan is overly ambitious, the Professor will help you descope to keep the workload manageable.

Part 2: Implementation

Once you have received official sign-off from the Professor:

1. Implement the agreed-upon enhancements and push them to your repository.
2. Make a copy of your M6 Data Card and rename it to `m7-data-card.pdf`. Update all relevant sections in M7 Data Card to reflect your new enhancements.

Part 3: Submission

By the 04/05 deadline, complete the following:

- Push to your `project1` Github folder your updated artifacts (e.g. notebook(s), Streamlit app, and M7 Data Card).
- Submit a `submission.json` file to Canvas using the template below:

```
{  
  "contributors": "contributor eids as a comma-separated list",  
  "commit-id": "your most recent commit ID from Github",  
  "project-id": "your GCP project ID"  
}
```

Note: If submitting as a group, only one person per team needs to submit.

Part 4: The Lightning Talk

Sign up for a session to present your polished project the week of 04/06.

- **Format:** A 10-15 minute lightning talk highlighting the most interesting aspects of your project. Every contributor should have a meaningful speaking role. Presentations will be delivered to the Professor and TAs outside of regular class time.
- **Q&A Session:** Following your talk, be prepared for a brief technical Q&A. You should be ready to discuss your methodology, design choices, and how you addressed the initial feedback.

Grading Rubric

Due Date: Sunday 04/05/26

Part 1: Planning -0.5 Lack of thought given to technical improvements -0.25 No listing of division of responsibilities among team members (if applicable)	0.5
Scope Approved by Prof Cohen	Required
Part 2: Implementation 1.5 Meets expectations, 2 or 2.5 Exceeds expectations	2.5
Part 3: Lightning Talk 1.5 Meets expectations, 2 Exceeds expectations -0.5 Not able to reasonably answer questions about your methodology and choices -0.5 At least one contributor does not present	2
submission.json submitted into Canvas. Your project will not be graded without this submission. The file should have the following schema: <pre>{ "contributors": "contributor eids as a comma-separated list", "commit-id": "your most recent commit ID from Github", "project-id": "project containing visualization notebook" }</pre> Example: <pre>{ "contributors": "peter6, paulk, mary987", "commit-id": "dab96492ac7d906368ac9c7a17cb0dbd670923d9", "project-id": "my-project-123" }</pre>	Required
Total Credit:	5