



COS30045 DATA VISUALISATION

Assignment 3A – Project standup 4 submission point



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Team 01B

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A. Project standup 4

- List of what we have been done since the project standup 3
 - Collaborative with team members to get tasks done on time.
 - Review datasets and make sure data are consistent for encoding.
 - Review designing the visualisation and make sure including transition effects to attract users and UI are displayed as expected.
 - Combine contributions from team members for assignment 3B-project process book.
 - Combine code from team members for assignment 3C website visualisation and make sure it runs smoothly.
- Estimate of our contribution (in hours and percentage of work completed by the team so far)
 - Finding and working with dataset:
 - ✓ I have been spending 1 working day for 8 hrs in terms of reviewing all datasets. I completed 100 percent.
 - Designing the visualisation
 - ✓ I invested 8 hours of my workday into a comprehensive review of the User Interface, concentrating on colour palettes, font sizes, and transition effects to boost user engagement. The review is now 100 percent finished.
 - Contributing to writing up Assignment 3B-Project process book
 - ✓ I dedicated two full workdays, each 8 hours long, to reviewing my contributions and merging tasks from my team members. This included both sketches and final designs. I have completed this task entirely.
 - Writing/researching code

- ✓ I invested two 8-hour workdays into thoroughly reviewing my script and integrating scripts from team members to ensure our source code runs smoothly and without any issues. The task is now 100 percent finished.

- **Issues with teamwork**

- Our collaboration is effective, and we have encountered no issues.

B. Oral Report

- **What have you done on the project since it commenced/the last standup**

Team member: - 103422254 (Thang Truong)

- Review all datasets from our project and make sure data are clean and have no issues for encoding.
- Review design in terms of UI to make sure it can engage with users.
- Review my contribution and also combine tasks from team members for assignment 3B-project process book.
- Review my contributions and integrate the tasks completed by team members for Assignment 3C, which focuses on website visualization. This will ensure a cohesive and comprehensive final submission.
- Collaborate with team members to make sure all tasks are completed.

Team member: - 104924340 (Linh Doan)

I worked alongside Thang to review the datasets for the project, ensuring the data was clean and ready for encoding. This involved checking for inconsistencies, resolving data quality issues, and preparing the datasets for visualization.

I contributed to reviewing the UI design, focusing on improving user interaction and ensuring that the visualizations were both engaging and user-

friendly. I played a key role in refining the overall design to enhance the user experience.

I collaborated with Thang and the team to combine individual tasks for Assignment 3B, focusing on documenting the process clearly and ensuring all contributions were integrated smoothly into the Project Process Book.

I took responsibility for reviewing the team's contributions to the website visualization, ensuring that all tasks were aligned and cohesive for the final submission. I worked to integrate the team's efforts into a unified, comprehensive visualization for Assignment 3C.

Throughout the project, I actively collaborated with team members to ensure all tasks were completed on time and met the project requirements.

- [What do you plan to complete before the next standup](#)

Team member: - 103422254 (Thang Truong)

As we wrap up our final standup, I'm thrilled to confirm that we have finished all necessary tasks with 100 percent completion. The files are ready for submission, showcasing our team's commitment and precision. A big thank you to all team members for your outstanding collaboration and dedication. Your hard work has been instrumental in achieving our goals.

Team member: - 104924340 (Linh Doan)

I will conduct a final review of all project files, ensuring that the datasets, visualizations, and documentation are for submission. This includes double-checking the accuracy and completeness of the website visualization and the process book.

I will collaborate with the team to make sure that all aspects of the project are aligned and cohesive. I will also verify that the user interface and user

experience meet the expected standards, refining any last-minute details to ensure a polished final product.

I will assist in the final submission of the project, ensuring that all files are correctly formatted and ready for handover.

- What obstacles are you facing in completing your deliverables

Team member: - 103422254 (Thang Truong)

I am pleased to report that our team has encountered no issues, thanks to our effective use of GitHub repositories for file management. This platform has enabled us to organize our work efficiently, ensuring that all files are easily accessible and up to date. The seamless integration of GitHub into our workflow has significantly enhanced our collaboration efforts. Team members are able to contribute, review, and merge changes smoothly, fostering a highly cooperative and productive environment. The collaborative tools provided by GitHub have been instrumental in maintaining clear communication and coordination among team members, ultimately driving our project towards success.

Team member: - 104924340 (Linh Doan)

Our reports that there have been no significant obstacles during the project development. The team's effective use of GitHub for version control and collaboration has made file management and task integration seamless. I have been able to access, review, and merge changes efficiently, ensuring that the project remains on track and up to date. The clear communication and well-organized workflow within the team have minimized potential issues and allowed for a smooth progression towards project completion. This collaborative environment has been key in maintaining high productivity and delivering quality results.

- Short written report of achievement so far and plan for the future

Team member: - 103422254 (Thang Truong)

From my perspective, this is our final standup, and I'm pleased to report that I have achieved several key milestones. Notably, all the datasets we identified have been thoroughly updated and cleaned, making them ready for encoding.

The design visualizations have been tailored using appropriate colour palettes, font sizes, and transition effects, which are essential elements for engaging users in data visualization. Additionally, each chart incorporates storytelling techniques to clearly convey its context, making it easier for users to understand the information presented.

I am immensely grateful for the support provided by D3 library version 6 in our data visualization efforts. This powerful library has been instrumental for us as developers, enabling us to create dynamic and interactive charts. These visualizations allow users to grasp key statistical insights quickly and easily, without the need to sift through extensive written reports.

I strongly believe that data visualization will continue to grow and be widely adopted across various industries. Its significant advantages, particularly in saving users a considerable amount of time, make it invaluable. This is especially true for sectors such as finance, investment, immigration, education, business, and policymaking. By transforming complex data into easily understandable visuals, data visualization enhances decision-making and efficiency across these fields.

Team member: - 104924340 (Linh Doan)

As we reach the final stages of our project, I'm pleased to report that we've successfully completed all the major tasks assigned. My focus has been on reviewing and ensuring the accuracy of the datasets, making sure they are

properly structured and clean for the visualization process. This was a critical step in enabling the creation of precise and interactive charts for our users.

Moreover, I contributed to enhancing the user experience by refining the design elements of our visualizations. This involved careful attention to detail in selecting colours, typography, and transition effects that would make the visualizations both engaging and easy to navigate. Each chart was designed to convey information clearly, allowing users to understand complex data without difficulty.

Looking ahead, I'm excited about the potential of data visualization and how it can be applied across different industries to simplify decision-making processes. I believe our project reflects this potential, and I'm proud of the collaborative effort our team has put into delivering high-quality visualizations that are both functional and visually appealing.

C. Draft Version of the work completed so far including

- Dataset

- ✓ Version 1.2
- ✓ Credit: <https://github.com/thangtruong1808/COS30045-Data-Visualisation/tree/main/Assignment%20C-Website%20and%20visualisation/Coding/datasets>

- Version of report

- ✓ Version 1.3
- ✓ Credit: <https://github.com/thangtruong1808/COS30045-Data-Visualisation/tree/main/Assignment%20B-Project%20process%20book>

- Version of code

- ✓ Version 1.3 using D3 library version 6.
- ✓ Credit: <https://github.com/thangtruong1808/COS30045-Data-Visualisation/tree/main/Assignment%20C-Website%20and%20visualisation/Coding>