

**COS30045 Data visualisation**

**Assignment 3A – Project standup 4 submission point**



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**Team 01B**

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# 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.

# 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)

## 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)

## 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)

## 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)

# Draft Version of the work completed so far including

## Dataset

* + Version 1.2
  + Credit: https://github.com/thangtruong1808/COS30045-Data-Visualisation/tree/main/Assignment%203C-Website%20and%20visualisation/Coding/datasets

## Version of report

* + Version 1.3
  + Credit: https://github.com/thangtruong1808/COS30045-Data-Visualisation/tree/main/Assignment%203B-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%203C-Website%20and%20visualisation/Coding