# SWINBURNE UNIVERSITY OF TECHNOLOGY

**COS30045**

# PROJECT STAND-UP 3

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**Chapter 1:**

Since the last project stand-up, we have finalized some of our data into a single csv including many elements like date, event name, the coordinate of the event and many more. We also done some data processing though not too significant as it is not working probably. We also have a simple front-end to lead to out visualization. Finally, we have made 2 demo purposes charts which is a geomap and a pie chart.

**Chapter 2:**

2.1 Research about map

I found this map from git hub, and I downloaded it. I have run this map in my computer.

A screenshot of a computer

Description automatically generated

2.2 How can I create the map.

A map of europe with yellow squares

Description automatically generated

A screenshot of a computer

Description automatically generated

Here is a Europe map, I will demonstrate the migration of Ukraine to Europe in 2023 via this map. I did not finish it and I will show you the overview that I intend to do on this map. Firstly, I have a dataset about the number of Ukrainian refugees in EU and I will separate this figure to 4 level of migration then the color of each country will be based on the level of number. Secondly, I will try to do some animation for my map to make it interesting. For example, When viewer hover in each country, it will show the number of Ukrainian refugee in this country.

2.3 The overall of our code.

A screen shot of a computer

Description automatically generated

This code only shows you how can I make the EU map by using d3.js and also the Europe\_.geojson. I just used some function to custom my map looks well. Therefore, I will try to learn more code to make my work look better for the final result of this subject.