**[2022-4216COMP-Team6](https://github.com/LukeCitrine/2022-4216COMP-Team6)  
  
As a team we’ve looked at the data and I’ve excluded certain aspects of the data, and that is any data that is containing two a mean measurement and this is because analysis has already been done by someone else and I don’t know if all the data is available to come to the same conclusion.**  
3 Members of our teach have each selected area for geographical analysis from the Data that was provided. Excel has been used for this investigation due to its ease of use and familiarity by team members, so this is a conscious decision about how we’ve thought about what we’re doing and what approach we should take when it comes to the data.   
  
They have been asked to look at these different pieces of data for their selected area. Our team will review the data and the chart that is being used, it might be that they decide to change the chart completely.

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| **Name** | **Relationship** | **Chart** |
| Luke Curran | Temperature and Humidity | Scatter Chart |
| Cameron | Rain and Sunshine | Pie Chart |
| Shane | Wind and direction | Bar Chart (trends) |

Luke Curran – Any relationship between humidity and temperature and he is thinking of using a scatter plot. Cameron – Looking at the relationship between sunshine and rain, and that’ll be in a Pie Chart. Shane – Is looking at the wind and the direction of it and this’ll be shown in a bar chart with a trend line to determine any patterns of data that could be useful for us.  
  
From next week we should be able to demine the data that we’re going to investigate as a team and the method in terms of “How do we represent the visualisation in a graphical form, what information we want to extract; that the data is telling us.” It could be that the initial output is successful that we have a clear direction and what is the output and how we’re going to do it – The present technique, or the format – conversely we’d possibly have to review as a team what didn’t work and what ultimately worked for us. Either way as a team next weekwe should be able to identify the algorithms required to complete the assignment to a high standard.  
  
Once this is achieved, we can then plan the structure and how we are going to use Python in order to complete this task. From next week, we should know what analysis important and what data we can exclude. At that point we will then be a position to understand the algorithm that is needed for analysis.  
  
Actions for next week: (Tue 1st Feb)  
- Nieve hopefully would have made some progress on Spec, using input from Shane’s marking criteria analysis.  
- T’other Luke, Shane and Cameron to feedback the analysis of their investigation, from this we’re going to know what algorithms are going to be needed, and we can attempt to write them.  
- ALL: We need to investigate the Python Packages software’s (Matplotlib, NetworkX)  
Luke (Lead): To share the progress to the Module Leaders – and check that he’s happy with the understanding of requirements, design and prototypes and incorporate any feedback the Module Leader gives us – adjusting any plans or actions accordingly.  
Current Leader: Ensure full engagement of the team; give direction to members; ensuring the member is equipped to take on the role/task, asking questions, demonstrate documents, use (what), location and purpose (why), check understanding of information that’s being shared. Ensure important documents are being checked: Risk log, leaning log, milestone plan, ect. **And ensure efficient handover to the next team leader.**- Existing team leader would communicate the current project status, as well as outlining the next steps for the project, in terms of tasks required, timescales as well as appropriate training and this will be reviewed after the new team leader has taken up position – so we’re able to learn from it and make it better for the next person – Training for the successor.  
  
Risks – Low confidence of a successor: Medium. High Impact.  
Risks – High confidence of a successor: Medium. High Impact.