DATA3406_12Green_Group4

Week 9 Meeting Minutes 29/10/2020

29 OCTOBER 2020 / 12:00 - 1:00 PM / Zoom Meeting

ATTENDEES

Alex Wong (Scribe), Ken Ren Voon, Samantha Chew, Andrew Auwyang, Lou Irish Gonzales

AGENDA

Last Meeting Follow-up

- Created meeting minutes folder on GitHub repo
- Create Process Notebook folder on GitHub repo

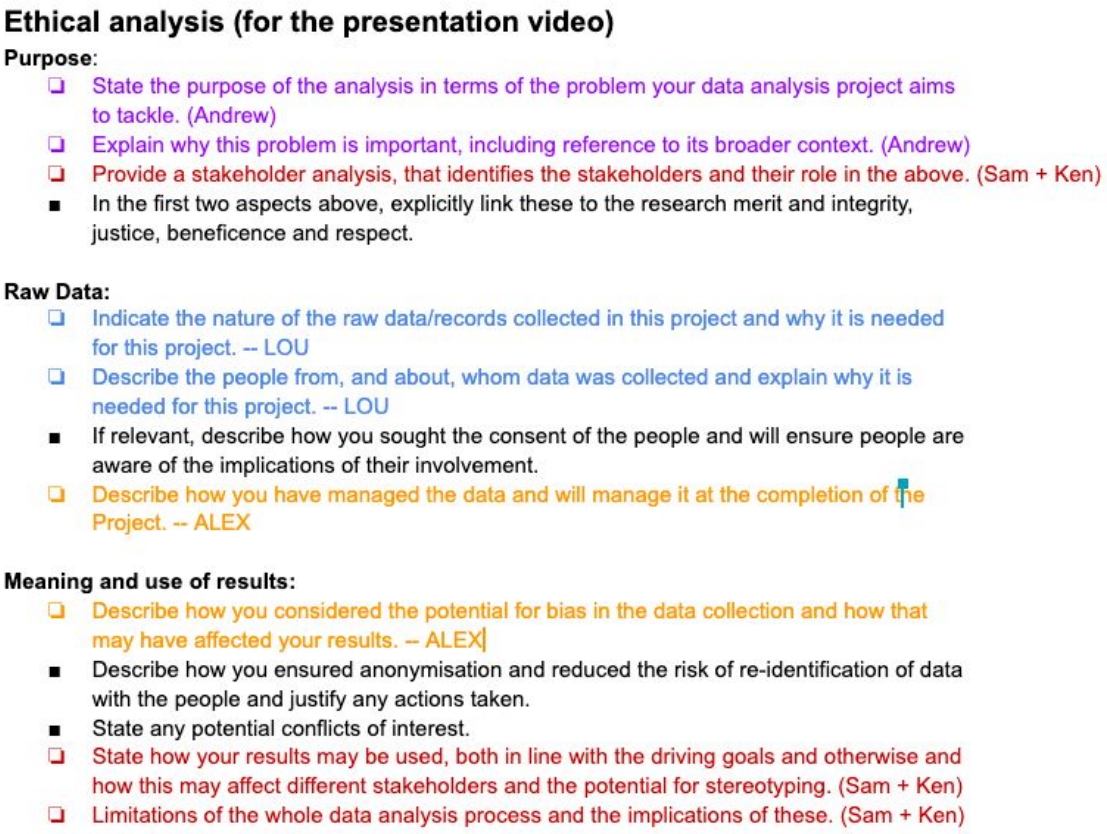
New Business

- Create README markdown
- Add the Mini-Assignment 9 process notebooks to the Github repo
- Discuss results of Mini-Assignment 9 Analysis
- Discuss how the results can help with Assignment 2
- Create checklist of things to complete for Assignment 2
- Convert checklist to GitHub Issues

NOTES

- A google doc *'README draft'* was created so all group members could work together https://docs.google.com/document/d/1a7STC0mD-CI1jEFTY6XfYek2bg8dQKWPk0jYwohrKDQ/edit
- A google doc *'Checklist'* was created to discuss the things to complete for Assignment 2 https://docs.google.com/document/d/1k150ZiGHhotT9e0Rdt_I47kWqGD3Qp5tCtAL-o9m-Ug/edit#heading=h.8bhg2o2kn2u4

- Task Allocation for Ethical Analysis



Ethical analysis (for the presentation video)

Purpose:

- ❑ State the purpose of the analysis in terms of the problem your data analysis project aims to tackle. (Andrew)
- ❑ Explain why this problem is important, including reference to its broader context. (Andrew)
- ❑ Provide a stakeholder analysis, that identifies the stakeholders and their role in the above. (Sam + Ken)
- ■ In the first two aspects above, explicitly link these to the research merit and integrity, justice, beneficence and respect.

Raw Data:

- ❑ Indicate the nature of the raw data/records collected in this project and why it is needed for this project. -- LOU
- ❑ Describe the people from, and about, whom data was collected and explain why it is needed for this project. -- LOU
- ■ If relevant, describe how you sought the consent of the people and will ensure people are aware of the implications of their involvement.
- ❑ Describe how you have managed the data and will manage it at the completion of the Project. -- ALEX

Meaning and use of results:

- ❑ Describe how you considered the potential for bias in the data collection and how that may have affected your results. -- ALEX
- ■ Describe how you ensured anonymisation and reduced the risk of re-identification of data with the people and justify any actions taken.
- ■ State any potential conflicts of interest.
- ❑ State how your results may be used, both in line with the driving goals and otherwise and how this may affect different stakeholders and the potential for stereotyping. (Sam + Ken)
- ❑ Limitations of the whole data analysis process and the implications of these. (Sam + Ken)

- Variables to take into account when looking at the death rate
    - Impact of age
        - Japan is an aging population
    - Look at the stringency index for each country and how it affected the death rate
- How mini-assignment 8 can help direct Assignment 2
    - Look at cultural differences and how it affects confirmed cases and death rates
        - Japan has a low death rate even though they have an aging population.
    - Impact of testing rate
        - The Philippines has a lower testing rate than Australia despite having a higher number of confirmed cases.
            - So the data may be under-represented
- Uncertainty
    - Testing limitations
        - Uncertainty in the dataset since not all cases are not reported
        - Reliability of the results presented is limited by how much they test
    - Stringency index
        - For Japan, stringency index curve similar to new deaths over time in Japan
        - Based on observations and multiple factors

        - E.g. Germany had less stringent government measures than Australia recently, but death rates in Germany are significantly lower than Australia (per million population)
    - Age
    - How developed the country is
    - Death Rate
        - Some people have existing diseases before acquiring COVID so how do we know that COVID was the primary cause?
- What to consider
    - Limitations of the dataset
        - Features: Aged above 60 and Aged above 70 values constant across time for each country
        - Missing testing data for some countries such as Singapore, some testing data collected late (Japan started in September)
    - Reliability of the dataset

ACTION ITEMS

1. **Schedule weekly meeting times:** Every Monday from 8:30 PM - 9:30 PM (Australian Eastern Standard Time)
2. **All members begin work on delegated tasks for Assignment 2.**

NEXT WEEK'S AGENDA

- Complete allocated tasks for the product notebook, which will be used for mini-assignment 10.
- Discuss next steps on Assignment 2.