Assessment Task 2 Team Expectations Agreement

Group members:
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The Assignment can be divided into 5 parts with less mutual interference according to the scoring criteria.
Note: Deadline marked in each part is the latest update time. If it is updated after the deadline, it may affect the task progress of other members.
Note: It's a basic requirement to write down the content to be completed, which does not mean that you can only complete these contents.

1. Select the topic and dataset, then complete the EDA
    a. Task objectives:（6pts in task 2B）
        Result Interpretation: Effectiveness in presenting the exploratory data analysis(including graphical and numerical summaries) to the defined stakeholder that enables rapid sense-making and prompts new insights.
    b. Contents that need to be completed:
        i. Choose a suitable topic and corresponding dataset, and use this dataset after soliciting the opinions of everyone in the group.(ddl:12sep)
        ii. Explore and clean data, generate target data and images of interesting features. In the future, further data analysis can be carried out based on the cleaned data, and the generated images and remarkable statistical information can be used for reports and speeches.(ddl: 16sep)
    c. Person in charge: Phyo Zay Thit Andrew Chen - 14421871
2. Literature Review
    a. Task objectives:（4.5pts in task 2B）
        Problem formulation: Strength of rationale and framing for research questions and preliminary results (including graphical and numerical summaries-from EDA), along with clearly delineated limitations of the proposed study.
    b. Contents that need to be completed:
        i. Choose academic papers related to the topic and use APA7.(ddl:16sep)
        ii. Use above papers, explain the rationality of the selected problems and results(for the presentation).(ddl: 16sep)

       iii.   Complete a brief literature review in a more professional language(for the final report).(ddl:21sep)
- c. Person in charge: Ryan Siva 26004313

3. Presentation
   - a. Task objectives:（4.5pts in task 2B）

     Quality and professionalism of presentation, and responses to questions, that are well tailored for your specified non-technical audience.
   - b. Contents that need to be completed:
     - i. Briefly introduce the questions raised(Part 1), the rationality of the questions raised (Part 2), the results of the problem exploration (Part 1, EDA results), the rationality of the exploration results (Part 2), and what models can be used for further analysis of the exploration results in the future? Why?(ddl:19sep)
     - ii. Make a powerpoint(with Part 1, graphical and numerical summaries).(ddl:19sep)
     - iii. Report the results online to non-professionals(time: 20sep Zoom online group)
   - c. Person in charge: Darsh Malik - 25403546

4. Select the model and run a reasonable result
   - a. Task objectives:（4.5pts in task 2C）

     Appropriateness of statistical models: Appropriateness of statistical models with assumptions and mitigation strategies clearly justified. Soundness of the model interpretation and implications.
   - b. Contents that need to be completed:
     - i. Model selection through cleaned data(Part 1).(ddl:22sep)
     - ii. Select suitable features and get good results, all the generated images and conclusions(with corresponding statistical test) can be used for reports.(ddl: 27sep)
   - c. Person in charge:Yan Hao 25976440

5. Writing Report
   - a. Task objectives:（4.5+6pts in task 2C）

     Justifying statistical choices:Clarity and fluency in communicating your findings to a technical target audience. Soundness of the model interpretation and implications, and professionalism of the executive summary for decision makers.

     Managing Complexity: Clarity and strength of alignment between the exploratory analysis, models generated, features chosen, and their limitations. Discuss ethical issues relating to privacy, consent, and data sovereignty when collecting or using data related to Indigenous Australians. Critically reflect on the implications of the learning of IGA for your future professional practice when working with Indigenous Australians and other groups.
   - b. Contents that need to be completed:
     - i. Introduction(Briefly introduce the questions raised(Part 1), the rationality of the questions raised (Part 2), how to(use model) analysis the questions).(ddl:2Oct)

      ii.   Methodology: how the problem exploration works(Part 1, EDA results)? Why choose the model? how the model works(Part 4).(ddl: 2Oct)

      iii.   Results: shows the notable results of EDA and modeling(Part 1 and 4), answer the question in introduction.(ddl: 3Oct)

      iv.   Conclusion: Combine the results(Part 1, Part 4) with literature review(Part 2), shows the limit and benefit of the project.(ddl: 3Oct)

c. Person in charge: b-(1 and 2)Ritiesh raja 25212477, b-(3 and 4)Jiayu Hao 25948860