

Final Data Analytics Report Requirements

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Final Project Requirements

Submission of the report:

The submission should include *all data files* (original, datasets after data cleaning and transformation (if applicable); R files, R notebooks for team work (if applicable); *final R markdown file for the report*; *final html file for the report*.

Also, please **upload the data files into your R code using links** to either

- 1) Google drive or Google Sheets;
- or 2) GitHub repository.

Please collect all the files in one place and submit a link to EITHER:

- Google Drive (based on TLU account)
- GitHub repository

More advanced students who work with Github:

- Submit a link to your Github repository with the data files, the final R markdown files, create a webpage with your final report on Github pages (Settings/Pages/Link to your live website).

Data Analytics Project report

Your Data Analytics Project report should include all facts (information about your datasets), analysis, and insights related to your proposed project.

Suggested structure of the report:

- Cover page: Project Title, students names, faculty and affiliation
- Project summary / Abstract
- Introduction / Problem Statement
- Dataset description / Data cleaning and transformation
- Methods used / Discussion of the approaches to address the problem statement
- Analysis / Hypothesis testing
- Discussion of the results
- Conclusion / Limitations and future directions

Deadlines

Please submit links to GitHub discussion panel by **Dec 30** (23:59).

Grading

I will use the following criteria for grading:

- *project presentation* during our final lesson (10%) - 3 points.
 - *amount and complexity of work performed* (30%) - 9 points.
 - *quality of data analysis and project completion* (30%) - 9 points.
(which includes: **accuracy and clarity** (10%):

The report is accurate, easy to understand and clearly expressed.

completeness (10%):

The report answers the question/s posed fully.

insights (10%):

The report has clear insights from the analysis, recommendations, and recognised limitations.

- *quality of the final report* (30%) 9 points.

(which includes: **storytelling** (10%):

The report is in depth but also concise, the data and insights are well connected to the conclusions (recommendations).

visualisation (10%):

The visualisations are suitable for the report and provide clear insights.

Presentation (10%):

The report is well-formatted, the spelling and grammar are correct.