Title

Group W{\*\*}G{\*}

|  |  |  |  |
| --- | --- | --- | --- |
| First Author  Subject Code  [contact@contact.edu.au](mailto:contact@contact.edu.au) | Style is Times New Roman 10 Bold  Style is Times New Roman 10  same as above  [same@as.above](mailto:same@as.above) | Single Space, 0pt before/after  Single Space, 0pt before/after  same as above  [same@as.above](mailto:same@as.above) | Last Author here |

**Executive Summary (Times New Roman 12, Bold, Single Line, 12pt before, 6pt after)**

This template has been adapted from the template used at the Association of Internet Researchers’ annual general conference.

This section should provide a concise summary of your dataset, research questions, methods, and findings—maximum 200 words. Do not include references or images. Use Times New Roman 11, single-spaced. The maximum executive summary length is 200 words. Do not use references or pictures in the executive summary. Executive summary style is Times New Roman 11, single space, 0pt before and 10pt after the text.

# **Introduction (Times New Roman 12, Bold, Aligned Left, Single Line, 0pt before 6pt after)**

Your text starts here. For groups of three students, the report should be 12–13 single-column A4 pages in length, while for groups of four students, it should be 14–15 single-column A4 pages. This includes an executive summary, author information, table, captions, references and any appendices. Please make sure your text is not behind or beyond the specified limit. Penalties will be applied.

This section introduces the purpose of the report, the problem or question being addressed, and introduces the data sources used. It sets the context and explains why the analysis was conducted.

Normal text style is Times New Roman 11, Justified, Single Line, 0pt before, 6pt after, with no indentation.

# **Methodology**

In this section, you must provide detailed explanations and justifications for all selected methods and their parameters. You must address methods used in data processing, correlation analysis, supervised learning, and clustering, and also discuss alternative methods that were considered but not implemented.

Any methodology details outside this section will be ignored during marking. You can use subtitles to separate the sections.

## **Subtitle 1.1 (Times New Roman 11, Bold, Aligned Left, Single Line, 0pt before 10pt after)**

Text continues normally after section breaks.

Australian English should be used as the standard for spelling, grammar, and punctuation, generally following APA style.

Use *italics* for *Brand Names* and words in other languages, *lenguas, langues, línguas*. Use **bold** for **emphasis,** but use sparingly.

Excessive subtitling should be avoided. Do not use level 3 subtitles unless necessary.

Two types of lists: numbered lists and bulleted lists.

1. Numbered lists (Times New Roman 11, Aligned Left, Single Line, 0pt before, 6pt after. Not indented. **Hanging 0.25 inches**).

1.1. Items in numbered lists should start in Capitals. The second level should be **indented 0.25 inches. Hanging 0.30 inches**.

1.1.1.The third level is **indented 0.5 inches.** **Hanging 0.75 inches**.

Text continues normally after numbered lists.

· Bulleted lists have the same Style as numbered lists (Times New Roman 11, Aligned Left, Single Line, 0pt before, 6pt after. Not indented. Hanging 0.25 inches);

o Lists with various levels should preferably be numbered. The second level should be **indented 0.25 inches. Hanging 0.30 inches**.

§ The third level is **indented 0.5 inches.** **Hanging 0.75 inches.**

Text continues normally after bulleted lists.

Figures should be placed in the text, not at the end. Figures must be explicitly mentioned in the text (Figure 1). Images should be **centred**. If your picture does not have enough white margin, add a line space before it.



**Figure 1:** Figure captions should appear below the image (Times New Roman 9, Aligned Left, Single Line, 0 pt before, 6pt after, no indentation).

Make sure all Tables are explicitly referred to in the text (Table 1).

**Table 1:** Table captions appear immediately before the table (Times New Roman 9, Aligned Left, Single Line, 0 pt before, 6 pt after, no indentation). There is no line space or other interval between the caption and the table.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Table Headers** | **Arial 9, Bold** | **Single Line** | **Centered** | **4pt before** | **4pt after** |
| Table Cells | Arial 9 | Single Line | Centered | 4pt before | 4pt after |
| Table Cells | Arial 9 | Single Line | Centered | 4pt before | 4pt after |
| Table Cells | Arial 9 | Single Line | Centered | 4pt before | 4pt after |

Add 6 pt space after tables. After that, text continues normally (Times New Roman 11, Justified, Single Line, 0pt before, 6pt after, no indention).

# **Results Exploration and Analysis**

Present the results of all your data analysis. This section may include descriptive statistics, evaluation results and visualisations gained from exploring the data. Use charts, graphs, and tables to illustrate patterns, trends, and relationships. Report results, compare methods, and highlight interesting points. Present the results in terms of evaluation metric(s) and some illustrative examples.

***Please keep in mind that you should not add implementation explanations of your code or include screenshots of your code. Only add the compiled results of your code’s outcome.***

This section should include all the results from all the sections of your report, including data processing, data correlation analysis, supervised learning, and clustering. Any methodology details outside this section will be ignored during marking. You can use subtitles to separate the sections.

# **Discussion and Interpretation**

Provide a list of interesting findings and an in-depth interpretation of them. Bullet points or numbered lists can help highlight these findings. Explain the significance of the patterns observed. Explain why these findings are interesting and valuable. Discuss any unexpected or interesting insights that emerged. Connect the finding to research questions and reflect on implications. ***(This is the most important section of your report.)***

Remember, we are more interested in seeing evidence that you have thought about the task and can identify reasons behind your different results in different experiments. You should think beyond simple numbers to the reasons that underlie them and connect them back to your research question. You can also add complementary experiments and their results in this section.

This section should include all the discussions from all the sections of your report, including data processing, data correlation analysis, supervised learning, and clustering. Any methodology details outside this section will be ignored during marking. You can use subtitles to separate the sections.

# **Limitations and Improvement Opportunities**

Address the limitations of the analysis, such as data constraints, potential biases in the methods used, or any assumptions made. Explain what needs to be done to improve your analysis.

# **Conclusion**

Summarise the main points of the report and reiterate the key findings and recommendations. Emphasise the value and potential impact of the analysis.

# **References**

Must have at least one reference to the dataset, and it should be **APA Style** and Times New Roman 10, Aligned Left, Single Line, 0pt before, 6pt after.

Add any sources, references, or citations used in the report, especially if you've drawn upon external research or literature to inform your analysis.

# **Appendices**

Include this optional section if you wish to provide additional material – such as further visualisations or other supporting content which does not fit within the main discussion of your report.