**GTSRB Classification**

**COMP30027 Report**

1. **Introduction**

To effectively classify the GTSRB traffic signs, I needed relevant and informative features that could help machine learning models distinguish differences in each image.

**2.0 Methodology**

Your text should be aligned left, justified and styled in two columns format.

You can cite related papers or books like this (Bishop & Nasrabadi, 2006). You may use any formal citation styles if you prefer.

**2.1 Feature Selection**

Use **bold** for **emphasis**, but use sparingly.

Short quotations *“are included in the main text, in normal paragraph style, between double quotes and italicized.”* All quotes should be properly referenced.

**2.2 Model Selection**

Figures should be placed in the text, not at the end. Figures must be captioned and explicitly mentioned in the text (Figure 1).

**Figure 1-** Figure captions should appear below the image (Times New Roman 9, Aligned Left, Single Line, 0 pt before, 12pt after, no indentation).

**2.3 Validation/Optimisation**

Figures should be placed in the text, not at the end. Figures must be captioned and explicitly mentioned in the text (Figure 1).

**Figure 1-** Figure captions should appear below the image (Times New Roman 9, Aligned Left, Single Line, 0 pt before, 12pt after, no indentation).

1. **Results**

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Tables also need to be captioned and explicitly mentioned in the text (see Table 1). If you don’t want the text in your tables to be counted in your word count, you can add your tables as pictures.

|  |  |
| --- | --- |
| Document | Features |
| AAA | text |
| BBB | text |
| CCC | text |

**Table 1-** Table captions should appear below the image (Times New Roman 9, Aligned Left, Single Line, 0 pt before, 12pt after).

Text of the subsubsection. Text of the sub- subsection.

1. **Discussion & Critical Analysis**

Please proofread your report (more than once) before submission. Many grammar and spelling error would impact the quality of your report (and your mark for this criteria).

1. **Conclusions**

Concluding text.

1. **References**

Christopher M Bishop and Nasser M Nasrabadi. 2006. *Pattern recognition and machine learning*, volume 4. Springer.