

# AM01 Applied Statistics with R

Autumn 2021

## Final Group Assignment Rubric

				Points
<b>Code</b>	<b>Excellent</b> <b>6 5</b> Code is well-documented (both self-documented and with additional comments as necessary). Your coding style conforms to <a href="https://style.tidyverse.org/">https://style.tidyverse.org/</a>	<b>Good</b> <b>4 3</b> Easy to follow (both the code, its documentation, and the output).	<b>Needs work</b> <b>2 1</b> Code is poorly written and not documented. You used base R extensively, rather than tidyverse. Few, if any, comments	
<b>Data Visualisation Visual Design</b>	<b>Excellent</b> <b>6 5</b> Visualizations are informative, insightful, and visually appealing.	<b>Good</b> <b>4 3</b> Visualizations are straightforward and provide some insight into the data.	<b>Needs work</b> <b>2 1</b> Limited attempts to visualize the data. Elements of the visualisation are confusing to your intended audience.	
<b>Analysis- Model comparison</b>	<b>Excellent</b> <b>6 5</b> Solid comparison of several models and thorough analysis of the performance (R2 + RMSE) of the final model.	<b>Good</b> <b>4 3</b> Some comparison of different models and some analysis of the performance of the model, comparing not just R2, but RMSE of train-test data	<b>Needs work</b> <b>2 1</b> Missing either a comparison of different models or an analysis of the performance of the model. No RMSE calculations and discussion	
<b>Correctness of results</b>	<b>Excellent</b> <b>6 5</b> Results are correct, with no flaws; some of the analyses were also technically challenging	<b>Good</b> <b>4 3</b> Results are generally correct, with one major flaw or many minor flaws	<b>Needs work</b> <b>2 1</b> Many flaws in the analysis; results are unreliable	
<b>Submission Organisation</b>	<b>Excellent</b> <b>6 5</b> You included all your code and output in an R Markdown document that was knitted to HTML, PDF or docx. The output in the final document does not include warnings or messages. You pushed your work to Github, and have your executive summary in the README.md file	<b>Good</b> <b>4 3</b> You included your code and output in an R Markdown document, but the output includes warnings and package loading messages. Very few Github commits	<b>Needs work</b> <b>2 1</b> You did not include your code in an R Markdown document. You submitted an unknitted Rmd document. You didn't bother with Github	

Total Marks out of 30

**0.0**