COMP551 MiniProject 1

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| **Tasks** | | | |
| **Part** | **Description** | **Member** | **DDL** |
| Task 1: Data Preparation | 1. Construct dataset 2. Extract features | P1 | Jan. 27, Sun |
| Task 2: Model Construction | Implement linear regression | P2 | Jan. 27, Sun |
| Task 3: Exeperiment Test | 1. Compare results 2. Compare models 3. Improve performance on validation set 4. Run the best model | P3 | Jan. 28, Mon |
| **Write-ups** | | | |
| **Part** | **Length** | **Member** | **DDL** |
| Abstract | 100-250 words | P2 | Jan. 30, Wed |
| Introduction | 5+ sentences |
| Dataset | 5+ sentences | P1 |
| Results | 7+ sentences (figures) | P3 |
| Discussion & Conclusion | 5+ sentences | P1 |
| **Others** | | | |
| Contribution Statement | | MG | Jan. 31, Thur |
| Formatting | |
| Submission | | Jan. 31, Thur, 11:59pm |

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| P1 | Data preparation |
| Dataset description + Discussion & Conclusion |
| P2 | Model construction |
| Abstract + Introduction |
| P3 | Experiment test |
| Results |

Deliverables:

1. code.zip (data processing + linear regression code, .py + .ipynb files)
2. words.txt (160 most frequent words in training data with descending order)
3. writeup.pdf (max 4 pages)