

CSI4142 - Project 2023
Phase 4 - Data Mining
Teamwork - breakdown of duties

| Deliverable checklist | Responsible | Expected completion date |
|-------------------------------------|---------------------------|--------------------------|
| | team member(s) | |
| Data preprocessing | | |
| Data summarisation | Lauren Gu | 2024/04/02 |
| .. Visualisation of attributes | Lauren Gu | 2024/04/02 |
| Data transformation | Lauren Gu and Angus Leung | 2024/04/02 |
| .. Missing values | N/A | Done in phase 2 |
| .. Categorical data | Lauren Gu and Angus Leung | 2024/04/02 |
| .. Numeric data | Lauren Gu and Angus Leung | 2024/04/02 |
| .. Feature selection | Lauren Gu and Angus Leung | 2024/04/02 |
| Data mining - Classification | | |
| Decision tree | Lauren Gu | 2024/04/05 |
| Gradient Boosting | Lauren Gu | 2024/04/05 |
| Random Forests | Angus Leung | 2024/04/05 |
| Comparison of results | Lauren Gu and Angus Leung | 2024/04/05 |
| Summary | Lauren Gu and Angus Leung | 2024/04/05 |
| Anomaly detection | | |
| One-class SVM | Lauren Gu | 2024/04/05 |
| Summary | Lauren Gu | 2024/04/05 |
| | | |
| Other tasks - please specify | | |

| Actual completion date | Estimated | Actual |
|------------------------|--------------------------|--------------------------|
| | time (hours) to complete | time (hours) to complete |
| | | |
| 2024/04/03 | 1 | 1 |
| 2024/04/03 | 1 | 0.5 |
| 2024/04/03 | 1 | 1 |
| Done in phase 2 | 0 | 0 |
| | 0.25 | 0.25 |
| | 0.25 | 0.25 |
| | 0.25 | 0.25 |
| | | |
| 2024/04/08 | 1 | 0.5 |
| 2024/04/09 | 1 | 0.5 |
| 2024/04/08 | 1 | 0.5 |
| 2024/04/09 | 1 | 1 |
| 2024/04/09 | 1 | 1 |
| | | |
| 2024/04/09 | 1 | 1 |
| 2024/04/09 | 0.5 | 0.5 |
| | | |
| | | |

Notes (if any)

[illegible]