

| Data Mining – Dataset Presentation                                                                                                                                                                                                                                                                                                                                                               |                                                                                     |                 |                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------|----------------------|
| Student                                                                                                                                                                                                                                                                                                                                                                                          | Su Bingyu 9:46                                                                      |                 |                      |
| Dataset                                                                                                                                                                                                                                                                                                                                                                                          | Gun Violence in the USA                                                             |                 |                      |
| Marking                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                     |                 |                      |
| <b>Presentation/Slides</b> (Clarity, readability, flow, accuracy, completeness, performance)<br><br>Clear slides with good use of graphics. Make sure that all of the text is visible in the images. Good presentation style.                                                                                                                                                                    |                                                                                     |                 | (10 marks)<br><br>8  |
| <b>Dataset Description</b> (Where did the data come from? What does the data describe? Is the sample large enough? What data formats and types are involved?)<br><br>Good details on the source with a clear example record. Good discussion of the attributes that show the same information in different ways.                                                                                 |                                                                                     |                 | (50 marks)<br><br>35 |
| <b>Dataset Suitability</b> (What features of the dataset lend themselves to data mining? Has it been mined previously? Why does the student feel that they have the contextual background to work with this data?)<br><br>Rich dataset with a lot of attributes that can be explored. Having information in different formats will make it easy to use different data mining algorithms in WEKA. |                                                                                     |                 | (20 marks)<br><br>14 |
| <b>Objectives</b> (What does the student plan to investigate/expect to find? Are these SMART?)<br><br>Clearly there are many things that you can look for in the dataset.                                                                                                                                                                                                                        |                                                                                     |                 | (20 marks)<br><br>15 |
| <b>General comments</b><br><br>A very good choice of dataset.                                                                                                                                                                                                                                                                                                                                    |                                                                                     |                 |                      |
| Date                                                                                                                                                                                                                                                                                                                                                                                             | 11/3/21                                                                             | Final Grade (%) | 72                   |
| Tutor Signature                                                                                                                                                                                                                                                                                                                                                                                  |  |                 |                      |