

## Data Analysis & Visualisation – Coursework 2

Name SAD ANWER

Grade

67%

| QUESTION                                    | MERITORIOUS<br>5                                          | HIGHLY COMPETENT<br>4                                                                                    | COMPETENT<br>3                                                                   | PASS<br>2                                                               | FAIL<br>1                               |
|---------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------|
| Dataset description (10%)                   | Provides descriptive statistics for the dataset           | Identifies IV and DV                                                                                     | Makes inferences from the structure of the dataset about possible analysis types | Defines the data types                                                  | Incorrect, misleading or missing        |
| Hypotheses (10%)                            | Multiple main hypotheses & multiple alternate hypotheses. | Single main hypothesis & multiple alternate hypotheses OR multiple main with single alternate hypotheses | Main hypothesis & alternate hypothesis                                           | Single hypothesis                                                       | No hypothesis                           |
| Selection of appropriate techniques (15%)   | Multiple relevant techniques selected and justified       | Ideal technique selected and justified                                                                   | Appropriate, if not ideal, technique selected and justified                      | Appropriate, if not ideal, technique selected                           | Inappropriate techniques chosen         |
| Application of appropriate techniques (20%) | Multiple relevant techniques used correctly               | Discussion of different levels of significance; correlation and causation                                | Technique applied correctly with confidence levels stated; correlation type      | Technique applied correctly at a basic level; correlation identified    | Technique(s) applied incorrectly        |
| Interpretation of results (15%)             | Full discussion of results                                | Discussion of multiple hypotheses;                                                                       | Alternative hypothesis correctly accepted or rejected                            | Main hypothesis correctly accepted or rejected                          | Incorrect interpretation                |
| Presentation of results (10%)               | Reads like a technical article                            | Uses appropriate presentation forms with clarity and precision                                           | Uses appropriate presentation forms                                              | Major results can be identified within presentation                     | Difficult to identify major results     |
| Consideration of other factors (10%)        | Recalculates tests once outliers removed.                 | Detailed discussion of other factors                                                                     | Considers outliers AND obvious other factors                                     | Considers outliers OR obvious other factors                             | Not considered                          |
| Document presentation (10%)                 | Reads like a technical review article                     | Good use of signposting;                                                                                 | Clear sectioning of content; appropriately referenced; technical English         | Basic use of introduction, body and conclusion; understandable language | No clear structure; poor language usage |

Non-submission for a section will result in a mark of 0 for that section.

### Comments

Doesn't really need an abstract but good intro. There's no need to explain what a hypothesis is, just solve the problem. :)