

Grades for Deepika Navya Chappati

 **Print Grades** (javascript:window.print())

Module

Arrange by



7COM1079-0901-2024 - Team Research and Development Project ▾

Due date ▾

Apply

Assignments

Learning Mastery




| Name | Due | Submitted | Status | Score |
|--|-----------------|-----------------|--------------------|---|
| <u>Research Question and Visualisation Trial (NOT MARKED)</u> CW1: Research Question and Visualisation | 18 Nov by 23:59 | | <div>missing</div> | <div>🗑️ / 0</div> |
| <u>Research Question and Visualisation</u> CW1: Research Question and Visualisation | 25 Nov by 9:00 | 22 Nov at 13:16 | | <div>15 / 20</div> <div> </div> |

Assessment by Yury Savateev

Close Rubric

Assignment 1: RQ, Viz, Analysis (2)

| Criteria | Ratings | | | Points |
|--|---|---|--|-------------|
| Group Set up - Group Number and Student IDs are correct and present view longer description | 1 to >0.5 pts Full marks Group Numbers and all Student IDs present and correct | 0.5 to >0 pts Satisfactory Group Number included, but not all group members are listed | 0 pts Incorrect or missing information Group number not given/ambiguous | 0.5 / 1 pts |
| Correct GitHub URL submitted for the group view longer description | 4 to >2 pts Full marks GitHub clone successful | 2 to >0 pts Partial success Not able to clone, but there appears to be a working repository. | 0 pts Not able to access the repo Not clear if the group has a GitHub repo that is active. Clone not possible. | 4 / 4 pts |

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| Assignment 1: RQ, Viz, Analysis (2) | | | | |
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| Has 7com1079@herts.ac.uk been invited to join Group's GitHub repository? view longer description | 1 to >0 pts Full marks Invitation sent  | 0 pts No invitation sent 7com1079@herts.ac.uk has no record of the invitation being sent, or sent after the deadline (so cannot count). | | 1 / 1 pts |
| Dataset number provided? view longer description | 2 to >0 pts Dataset included and is correct The Group record of the dataset matches their allocation  | 0 pts Dataset number not included - or does not match This means we cannot grade the work - stop grading and return. The group will have to resubmit the assignment with the correct dataset. | | 2 / 2 pts |
| Datasets: Is a motivation given for investigating something within the allocated dataset/topic? view longer description | 3 to >1 pts A well written account of why this topic is of interest (ideas seem feasible) A clear understanding of the topic under investigation is given in correct English (and why we might want to test a hypothesis using statistics). The group have a convincing motivation for asking a RQ of this dataset.  | 1 to >0 pts Minor understanding shown There is a small link to the topic and why it might be interesting to investigate using stats - not very clear though. | 0 pts No understanding shown that could motivate this study Poorly written, or missing account as to why this topic might be of interest. | 2 / 3 pts |

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| Datasets: Column headings are presented with the first two rows of data separated by tabs view longer description | 4 to >2 pts All columns used in RQ clearly shown, along with some of the data (rows) There should be enough information presented to allow grader to check the datatypes, and etc). IV and DV names. | 2 to >0 pts All data is presented, but the presentation is unclear Not clear which columns relate to the RQ as shown, or there is something missing (not enough rows, the datatypes, and etc). | 0 pts Columns and or data is missing Missing data, or wrong data given. | 3 / 4 pts | |
| | 3 to >1 pts The rows are correctly defined Sometimes the row identifiers may be a combination of variables, but the rule of thumb would be the far left column is how the data is collected/separated. | 1 to >0 pts Minor understanding shown Not clear, but some attempt is made to identify what each row represents. | 0 pts No understanding shown of what a row represents. Incorrect or missing answer. | 3 / 3 pts | |
| Data types (of variables): The datatype (Nominal, Ordinal, Interval/Continuous) of the dependent variable is correctly identified. view longer description | 6 to >0 pts The datatype are correctly identified for the DV The column/variable name is given along with the correct type of data for the DV. | 0 pts No understanding shown of matching data to a datatype Incorrect or missing answer. | | 6 / 6 pts | |
| Research Question: Is the question correct? view longer description | 10 to >7 pts Question conforms to one of the | 7 to >2 pts Question conforms to the template | 2 to >0 pts Question IV and DV are included, but | 0 pts Question does not show a clear | 2 / 10 pts |

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three types but could be the question link to of question improved diverts from template or
 The question matches the template, is grammatically correct, or it lacks context. (includes a ? at the end), and has some context to ensure the question can stand alone.

the template data
 The question may not be grammatically correct, or it needs to be re written to conform to our template. Some small understanding of the requirements is evident.

Research Question
 Variable order: Are the independent variable (IV) and the dependent variable (DV) correctly identified in the RQ?

[view longer description](#)

6 to >4 pts
Question
conforms to one of the three types of question
 The IV and DV are correctly placed in the RQ (with DV coming first in the template). The template is also correct.

4 to >0 pts
Question IV and DV are included, but the order is incorrect, or the template is incorrect.
 The order of the variables need to be corrected.

0 pts
Question does not show a clear link to template or data
 Incorrect or missing answer.

4 / 6 pts

Research Question: Is the question feasible?

[view longer description](#)

8 to >4 pts
The RQ looks like a good question to ask from what we can tell
 From a quick inspection of the data, this question looks worth pursuing.

4 to >0 pts
With some adjustment, this question looks feasible and worthwhile
 Further clarification is needed; there may be a more suitable question using this data set. The answer looks obvious, or there

0 pts
The question does not look feasible or is missing
 Incorrect or missing answer.

8 / 8 pts

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| Criteria | Ratings | | | Points |
| | is an issue with the chosen variables (e.g. the dependent variable is a subset of the independent variable, etc). | | | |
| Hypotheses: Do the hypotheses reflect the RQ? view longer description | 6 to >3 pts Both null and alt hypotheses directly reflect the RQ Both null and alt hypotheses directly reflect the RQ and match the Hypotheses templates. | 3 to >0 pts One hypothesis is correct, or both have a small error Close to correct, but the response needs small corrections. | 0 pts Hypotheses do not follow the template, or are missing. Incorrect or missing answer. | 6 / 6 pts |
| Is there a .png file with a data visualisation included (to include all required plots)? view longer description | 4 to >2 pts Yes there is a legible .png file with all required plots 2 plots for Comparison of Means/Medians, and Correlation. 1 plot for a Comparison of proportions (as no histogram is required). | 2 to >0 pts .png file submitted but not correct size or resolution Difficulty viewing the file. | 0 pts .png missing File is not included, or the incorrect type loaded. | 4 / 4 pts |
| Data Visualisation: For Comparison of Means/Medians and Correlation questions | 5 to >2 pts Yes there is a Histogram of the dependent | 2 to >0 pts The Histogram has lables or units of measure | 0 pts Histogram is missing or totally incorrect (N/A for | 2 / 5 pts |

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| <p>only. Is the Histogram correct (focus on the overlay)?</p> <p>view longer description</p> | <p>variable or Histogram not required</p> <p>Focus on the overlay: R should produce a smooth normal bell curve overlay over the Histogram (not handwritten).</p> | <p>missing from the axes, or no title. Or no bell curve overlay.</p> <p>The overlay is not bell-shaped or is handwritten.</p> | <p>Comp of Prop question0</p> <p>Comparison of proportion-type questions do not include a Histogram, so get full marks for this question if a histogram is omitted. Otherwise, if the Histogram is required and it is incorrect or missing the score is 0.</p> | |
| <p>Data Visualisation: Does response state whether dep variable appears normally distributed or not? (N/A for comp of proportions).</p> <p>view longer description</p> | <p>3 to >1 pts</p> <p>The distribution is correctly identified</p> <p>By looking at the shape of the Histogram, and the bell curve overlay, the students correctly identify whether the data is normally distributed or not.</p> | <p>1 to >0 pts</p> <p>Histogram correctly interpreted, although plot is incomplete</p> <p>The bell curve or axis labels are missing from the Histogram, but the interpretation appears feasible.</p> | <p>0 pts</p> <p>The Histogram does not support the answer, or Histogram is missing, or Q not answered.</p> <p>Incorrect or missing answer.</p> | 3 / 3 pts |
| <p>Is/Are the visualisation(s) correct?</p> <p>view longer description</p> | <p>9 to >6 pts</p> <p>Yes, the plot looks correct and matches the RQ</p> <p>Full marks if all the axes are clearly labelled, with units of measure, and there is a trendline dependent</p> | <p>6 to >0 pts</p> <p>Plot is correct, but missing some information</p> <p>No trendline in the scatterplot, or missing labels, or units, or the</p> | <p>0 pts</p> <p>Incorrect plot used for the question</p> <p>Incorrect or missing answer.</p> | 6 / 9 pts |

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| Criteria | Ratings | | | Points |
| | running through the scatterplot (for correlation-type questions). IMPORTANT: The axes must use proper ENGLISH, not the wording from the dataset column if abbreviated, underscored, etc. The dependent variable is on the y axis. <div></div> | | | |
| | 5 to >2 pts Yes there is a Histogram of the dependent variable or Histogram not required Data Visualisation: For Comparison of Means/Medians and Correlation questions only. Is the Histogram correct (focus on axes, title, units)? view longer description | 2 to >0 pts The Histogram has lables or units of measure missing from the axes, or no title. Or no bell curve overlay. X and Y axes are clearly labelled, including the units of measure, and the plot has a title. The y-axis plots frequencies rather than density, but both are acceptable. There should be a smooth normal bell curve overlay over the Histogram. | 0 pts Histogram is missing or totally incorrect (N/A for Comp of Prop question0 Comparison of proportion-type questions do not include a Histogram, so get full marks for this question if a histogram is omitted. Otherwise, if the Histogram is required and it is incorrect or missing the score is 0. | 2 / 5 pts |
| Data Analysis: Is a suitable statistical test | 5 to >1 pts Yes Given the shape of the | 1 to >0 pts Close to correct, need to also | 0 pts Histogram is missing or totally | 5 / 5 pts |

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| <p>selected for the data? Look at the shape too. view longer description</p> | <p>data, and the datatypes the correct Statistical test is selected. The test for Comp of means/medians and correlation depend on the distribution. Possible answers are Pearson's Correlation, Spearman's Correlation, Student's T Test, Wilcox Test, Chi Squared.) Full marks given for selecting a parametric /non parametric test that reflects the shape of dependent variable.</p> | <p>consider the shape of the data The test is nearly right but ignores the shape of the data. (I.e. not considered whether to use a parametric or a non-parametric test). Or uses a totally different test</p> | <p>incorrect (N/A for Comp of Prop question0 Comparison of proportion-type questions do not include a Histogram, so get full marks for this question if a histogram is omitted. Otherwise, if the Histogram is required and it is incorrect or missing the score is 0.</p> | |
| <p>Reflection: Is there a short explanation about what the data might show after the tests are completed? view longer description</p> | <p>5 to >2 pts There is some link to the wider question, and how the test might or might not have an affect on the population. Good clear English is used to show an understanding of the purpose of posing their research question,</p> | <p>2 to >0 pts Rather a short and limited understanding of that seems the wider context of the question is shown. Poor English, or unclear argument as to what the outcome of the tests might be.</p> | <p>0 pts Incoherent, unclear account unrelated to the work. The reflection is missing or incoherent.</p> | 5 / 5 pts |

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| | interpreting their plots, and explaining the results of running the statistical tests. What the results might mean in a wider context. | | | |
| | <div> <div>10 to >5 pts</div> <div>5 to >0 pts</div> <div>0 pts</div> </div> <div> <div>Clear cohesion between all elements of this assignment</div> <div>The report lacks cohesion</div> <div>No cohesion between the various parts of this report.</div> </div> <div> <div>An excellent question is constructed, that isto the not obvious, is wellvariables/data, or motivated, and it is unclear how supported by all the elements in the report fit together. Seems disjointed.</div> <div>The RQ may require a revision, some elements may not map well</div> <div>No cohesion or some elements are missing or incoherent.</div> </div> | | | 8 / 10 pts |
| Reflection: Is there cohesion between all elements of assignment (Dataset, RQ, Visualisation and Statistical Analysis. Reflection)? view longer description | | | | |
| | | | | Total points: 76.5 |
| Report | 7 Jan 2025 | | | 👁 / 100 |
| CW1 Report (group) | by 17:00 | | | |
| MCQ Test 20%- Requires Respondus LockDown Browser | | 10 Dec at 14:45 | | 👁 / 10 |
| In-class Test (MCQ, individual) | | | | |
| CW1: Research Question and Visualisation | | | | 👁 |
| CW1 Report (group) | | | | 👁 |

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|----------------------------------|-----|-----------|--------|-------|
| CW1 Peer Evaluation (individual) | | | | Ø |
| In-class Test (MCQ, individual) | | | | Ø |
| Imported Assignments | | | | Ø |

