

## MSc Software Design with AI Data Visualisation Assignment 2 Marking Scheme Rubric

The rubric below gives an indication of what is expected on submission of Assignment 2 in order to attain each grade below.

Component	Excellent (80-100)	Good (60-80)	Satisfactory (40-60)	Fail (<40)
<b>Dashboard/ Presentation (/30)</b>	The dashboard layout and presentation provides evidence of the highest preparation. Content is presented in a very clear, logical, and coherent structure. Precise and concise contextualisation of the data is evident.	The dashboard layout and presentation provides evidence of the satisfactory preparation. Content is presented in a clear, logical, and coherent structure. Precise contextualisation, to an extent, of the data is evident.	The dashboard layout and presentation provides evidence of the competent preparation. Content is presented in a structure that shows some understanding of the data. Some contextualisation of the data is evident.	The dashboard layout and presentation provides evidence of little or no preparation. Content is not presented in a clear, logical, or coherent structure. No contextualisation of the data is evident.
<b>Report/ Analysis (/30)</b>	The author provides the clearest account of the analysis and research undertaken in this report. The author justifies decisions made using appropriate references. The analysis provides evidence of a complete understanding of the subject matter and how it should be handled. The author is able to identify key limitations in the presented analysis resulting from the properties of the data set provided.	The author provides a clear account of the analysis and research undertaken in this report. The author justifies decisions made. The analysis provides evidence of an understanding of the subject matter. The author is able to identify some limitations in the presented analysis resulting from the data set provided.	The author provides an account of the analysis undertaken in this report. The author justifies decisions made. The analysis shows the author is acquainted with the subject matter. The author identifies some limitations in the presented analysis.	The author does not provide an appropriate account of the analysis undertaken in this report. The author does not justify decisions made. The analysis shows the author is not acquainted with the subject matter. The author fails to identify any limitations in the presented analysis.

<b>Visuals (/25)</b>	<p>The methods employed to visualise the data show clearly that the author has a complete understanding of</p> <ul style="list-style-type: none"> <li>the nature of the data set provided</li> <li>the properties of the data</li> <li>how best to display the data</li> <li>what visual variables are best suited to the data</li> <li>how to model the data effectively and make informed conclusions.</li> </ul>	<p>The methods employed to visualise the data show that the author has a good understanding of</p> <ul style="list-style-type: none"> <li>the nature of the data set provided</li> <li>some properties of the data</li> <li>how to display the data</li> <li>what visual variables could be used</li> <li>how to model the data and infer conclusions.</li> </ul>	<p>The methods employed to visualise the data show that the author has an understanding of</p> <ul style="list-style-type: none"> <li>the nature of the data set provided</li> <li>the properties of the data</li> <li>how to display them</li> <li>how to use visual variables</li> <li>how to model the data</li> </ul>	<p>The methods employed to visualise the data show that the author has little or no understanding of</p> <ul style="list-style-type: none"> <li>the nature of the data set provided</li> <li>the properties of the data</li> <li>how to display them</li> <li>how to use visual variables</li> <li>how to model the data</li> </ul>
<b>Code (/15)</b>	<p>The author has successfully developed bespoke python code to visualise the data.</p> <p>Where appropriate, and justified, the author has used, and referenced, third party python code to efficiently, clearly, and to great effect, enhance the visualisation and presentation of the data set.</p>	<p>The author has developed, to some degree, bespoke python code to visualise aspects of the data.</p> <p>Where appropriate, and justified, the author has used, and referenced, third party python code to enhance the visualisation and presentation of the data set.</p>	<p>The author has attempted to develop bespoke python code to visualise aspects of the data.</p> <p>The author has used third party python code (and referenced such code) to visualise and present the data set provided without appropriate justification.</p>	<p>The author has failed to develop bespoke python code to visualise aspects of the data.</p> <p>The author has used third party python code (and referenced such code) to visualise and present the data set provided without appropriate justification and referencing.</p>