

Informatics 2 – Foundations of Data Science: Criteria for marking visualisation explanations/interpretations and code

Mark	Explanation/interpretation	Code readability
4 - Excellent	<ul style="list-style-type: none"> • Easy to comprehend due to clear structure and precision. • Clear and correct summarisation of multiple patterns and noteworthy features, possibly with sensible explanations or hypotheses for them or relating them to other data or knowledge. • Interpretation means the visualisation makes sense. 	<p>Code is very easy to read, due to</p> <ul style="list-style-type: none"> • code being clean with appropriate comments • appropriate use of pandas functions (such as <code>pd.merge()</code> and <code>.groupby()</code>).
3 - Good	<ul style="list-style-type: none"> • Straightforward to comprehend due to reasonably clear structure and precision. • Clear and correct summarisation of some patterns and noteworthy features. • Interpretation has added significantly to the visualisation. 	<p>Code is easy to read</p> <ul style="list-style-type: none"> • due to code being clean • appropriate use of pandas functions (such as <code>pd.merge()</code> and <code>.groupby()</code>).
2 - Fair	<ul style="list-style-type: none"> • Somewhat difficult to comprehend due to structure or vagueness • but is still clear that a few patterns and noteworthy features have been summarised or identified correctly, though there may be minor errors. • Interpretation has added a bit to the visualisation. 	<p>Code is understandable with some work due to EITHER:</p> <ul style="list-style-type: none"> • Not being clean, for example with commented out or unnecessary code • but still using pandas functions appropriately <p>OR</p> <ul style="list-style-type: none"> • Being clean • but using multiple lines of code to achieve what could have been done with pandas functions.
1 - Inadequate	<ul style="list-style-type: none"> • Very difficult to comprehend, due to poor structure or vagueness, • but at least one pattern appears to have been summarised correctly or a noteworthy feature identified. • Maybe some significant errors. • Interpretation has not added to visualisation. 	<p>Code is difficult to understand due to</p> <ul style="list-style-type: none"> • not being clean and unclear code • probably not using pandas functions.
0 - Absent	No meaningful interpretation.	Code is clearly not functional.