

Congratulations! You passed!  
Grade received 100%  
To pass 80% or higher  
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1. What type of outlier is a normal data point under certain conditions, but becomes an anomaly under most other conditions? 1 / 1 point

- ☐ Global outlier
- ☐ Collective outlier
- ☐ Constant outlier
- ☒ Contextual outlier

✓ Correct  
A contextual outlier is a normal data point under certain conditions, but becomes an anomaly under most other conditions.

2. What is the term for a line of text that follows a method or function, which is used to explain the purpose of that method or function to others using the same code? 1 / 1 point

- ☐ Annotation
- ☐ Factor
- ☒ Docstring
- ☐ Argument

✓ Correct  
A docstring is a line of text that follows a method or function, which is used to explain the purpose of that method or function to others using the same code.

3. A data professional is using a box plot to identify suspected high outliers in a dataset, according to the interquartile rule. To do that, they search for data points greater than the third quartile plus what standard of the interquartile range? 1 / 1 point

- ☐ .5 times
- ☒ 1.5 times
- ☐ 10 times
- ☐ 3 times

✓ Correct  
They search for data points greater than the third quartile plus 1.5 times the interquartile range. Box plots can be used to identify outliers in a dataset by showing which data points fall more than the standard of 1.5 times the interquartile range. A rule in statistics says that any data point that exists beyond 1.5 times the interquartile range is an outlier.