Your grade: 100%

Your latest: **100%** • Your highest: **100%** • To pass you need at least 66%. We keep your highest score.

Next item →

1. *What is the other name we can give to the L1 distance?*   1 / 1 point

   ○ Hamming Distance

   ○ Euclidean Distance

   ◉ Manhattan Distance

   > Correct! You can find more information in the video Distance Metrics: Euclidean and Manhattan Distance.

   ○ Mahalanobis Distance

2. *What is the key feature for the Jaccard Distance?*   1 / 1 point

   ○ It takes into acount the angle between 2 points.

   ○ It is obtained by adding up the absolute value of each term.

   ○ It describes distance by squaring each term, adding and squaring them.

   ◉ It looks at the difference and similarities for sets of values.

   > Correct! This is observed by calculating the intersection between two sets.

3. What is an advantage of the L1 distance over L2?   1 / 1 point

   ○ It's useful for coordinate based measurements.

   ○ It's better for data where location of occurrence is less important.

   ○ It shows the difference between sets of values.

   ◉ It can better handle high dimensional data.

   > Correct! It's better able to distinguish different distances because it will always be larger than L2 score.

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