HDDA Tutorial: Distance

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Tutorial 3

Work in groups of two people:

1. Consider the *age* and *height* of both you and the other person (you are allowed to lie about these). Compute the Euclidean distance between you and the other person for these two variables.
2. Repeat question 1 but use the Manhattan distance.

Select from the following list the types of cuisines that you enjoy:

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- Chinese food
- Indian food
- Italian food
- Japanese food
- Lebanese food
- Mexican food
- Thai food
- British food
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3. Compute a Jaccard similarity between you and the other person with regards to your taste in food.
4. Compute a Jaccard distance between you and the other person with regards to your taste in food.
5. How would you define a distance between you and the other person that takes into account height, age and food preference.