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5.2:

A screenshot of a computer

Description automatically generated

1.We can note that there is a slight difference () when we change the distance function.

However, when changing the K to a number over 10 , for our specific data the accuracy drop significantly.

Moreover, in the web I saw that to avoid ties we want the 'K' to be odd but looking at our specific data I see an opposite result :

A screenshot of a grid

Description automatically generatedA black background with white text

Description automatically generatedA screenshot of a computer

Description automatically generated

A map of the united states

Description automatically generatedA map of the united states

Description automatically generated

A map of the united states

Description automatically generated

A close-up of text

Description automatically generated