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PROBLEM 3-1 (1 point possible)

Play around with your code on the cityTemps.txt data. Try clustering into a different number of clusters, using different linkage criteria, and with or without scaling the data. Answer the following questions:

When clustering without scaling and with the total number of clusters 10, which cities are always clustered by themselves?

- ○ Honolulu and Fairbanks ✔
- ○ Anchorage and Olympia
- ○ LasVegas and SanFrancisco
- ○ Duluth and Miami

Hide Answer   *You have used 0 of 2 submissions*

PROBLEM 3-2 (1 point possible)

When clustering the data into 5 clusters using single linkage criteria, which city is in a cluster by itself when using scaling but is not in a cluster by itself when not using scaling?

- ○ LosAngeles
- ○ Anchorage
- ○ SanFrancisco ✔
- ○ SanDiego

Hide Answer   *You have used 0 of 2 submissions*

PROBLEM 3-3 (1 point possible)

In this example, scaling reduces the relative importance of days of precipitation.

- ○ True ✔
- ○ False

EXPLANATION

Scaling effectively normlizes each feature to have a mean of 0 and standard deviation of 1. This way, discrepancies between features are not as large and we do not have certain features overwhelming other features.

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