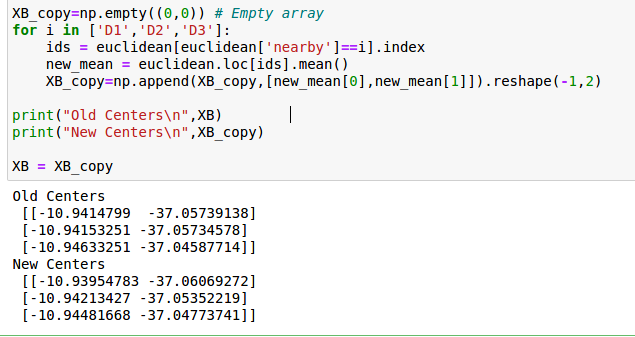
**Similarity matrix for Euclidean for top 20 columns: X denotes data points and D1,D2,D3 are cluster centers**

POINTS IN EACH CLUSTER AFTER

INITIAL ITERATION

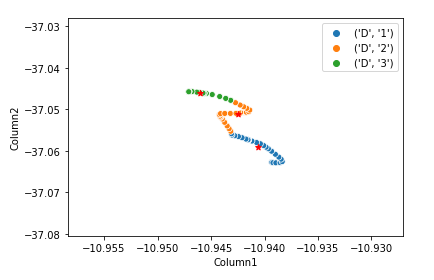
**METHOD FOR CALCULATING NEW CENTERS FOR EACH ITERATION**

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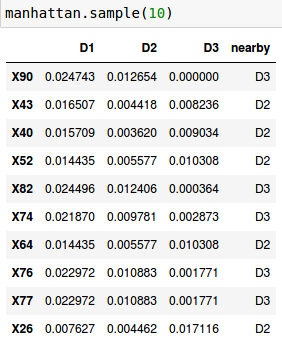
****

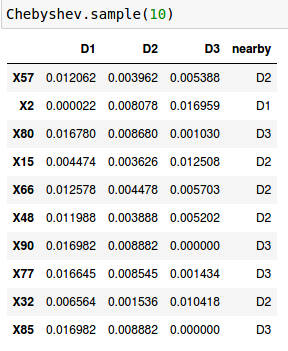
**LOGIC FOR ITERATION. Refer to ipynb for Output**

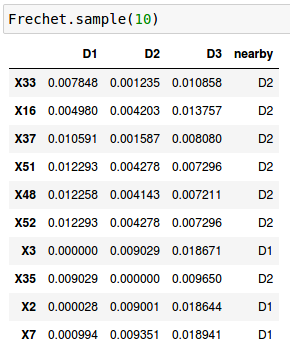
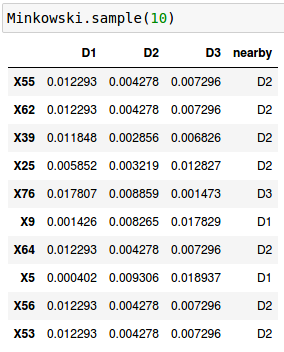
**SCATTER PLOT AFTER 10 ITERATION**

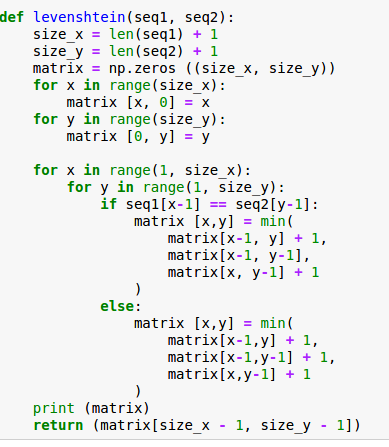
**Red Color Points--> Cluster Centers**

**Similar Process for other distance measures**

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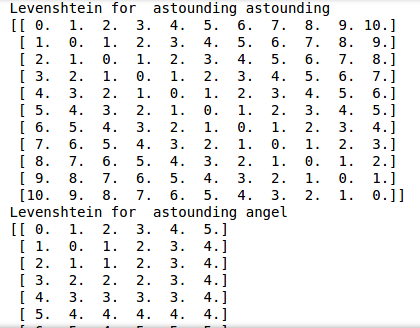
**Similarity matrix for Manhattan Similarity matrix for ChebyShev**

**Similarity matrix for Minkowski Similarity matrix for Frechet**

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**LEVENSHTEIN MEASURE FOR STRING COMPARISION**

**A S T O U N D I N G**

****

**A**

**S T O U N D I N**

**G**