**ARAVINDH.M**

**ASSIGNMENT 7**

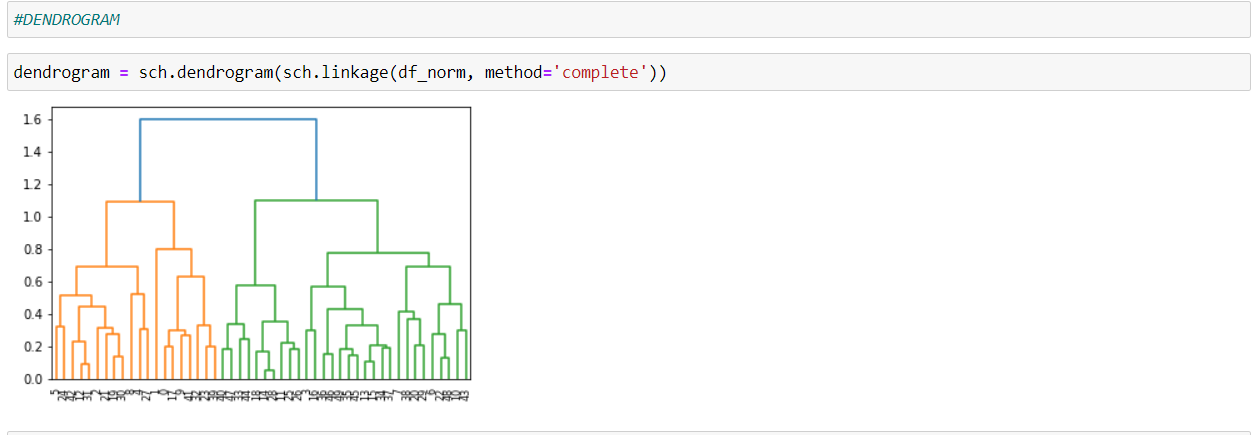
**TOPIC: CLUSTERING**

**QUESTION:**

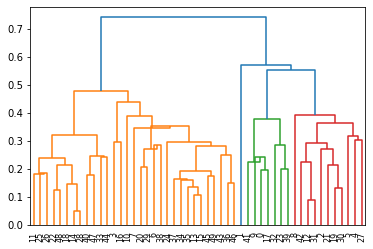
**Perform Clustering for the crime data and identify the number of clusters formed and draw inferences.**

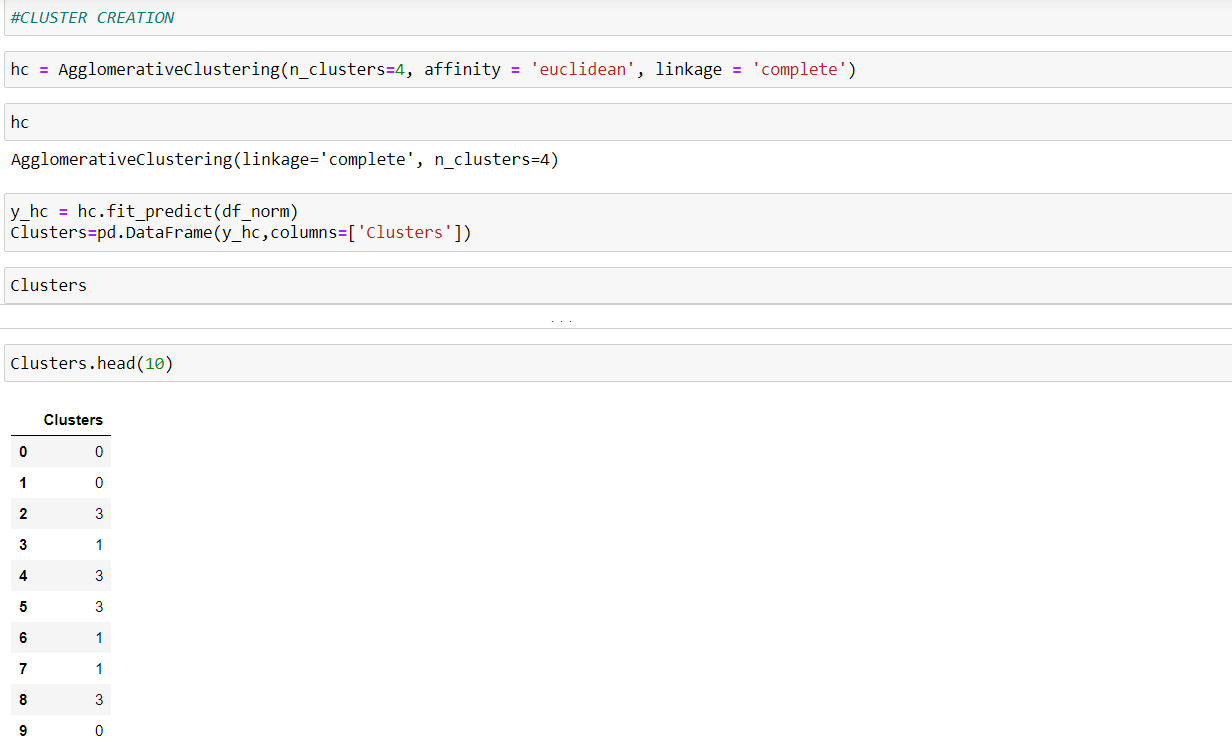
**HIERARICAL CLUSTERING**

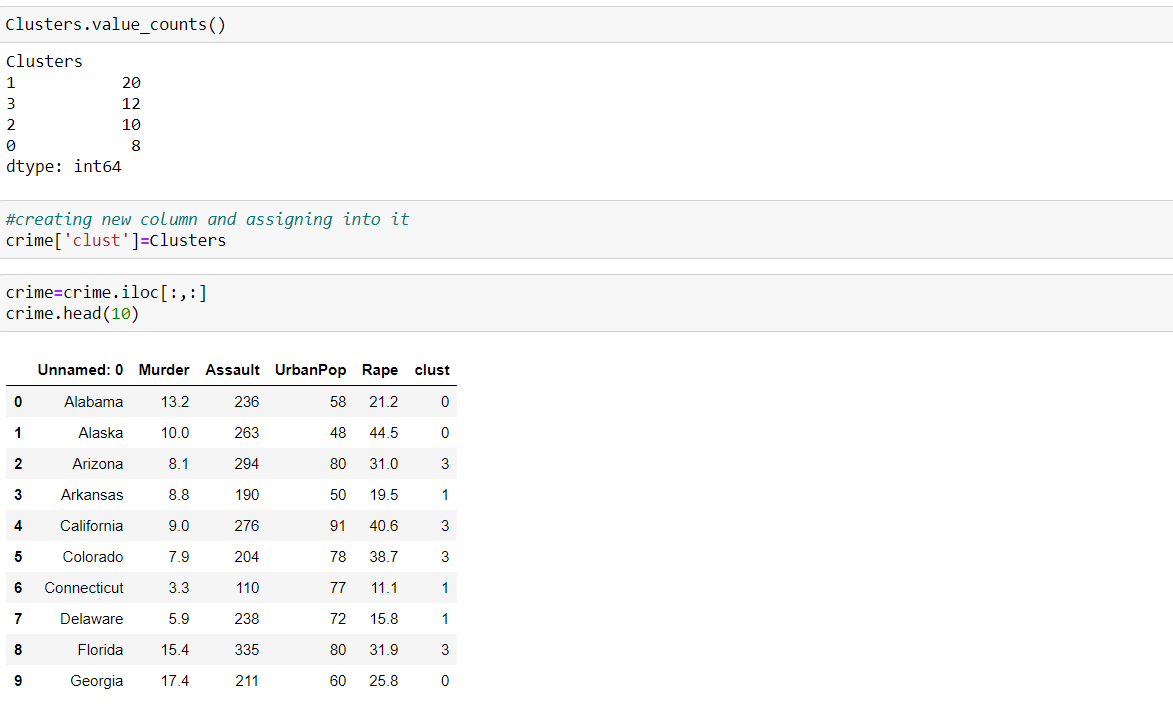
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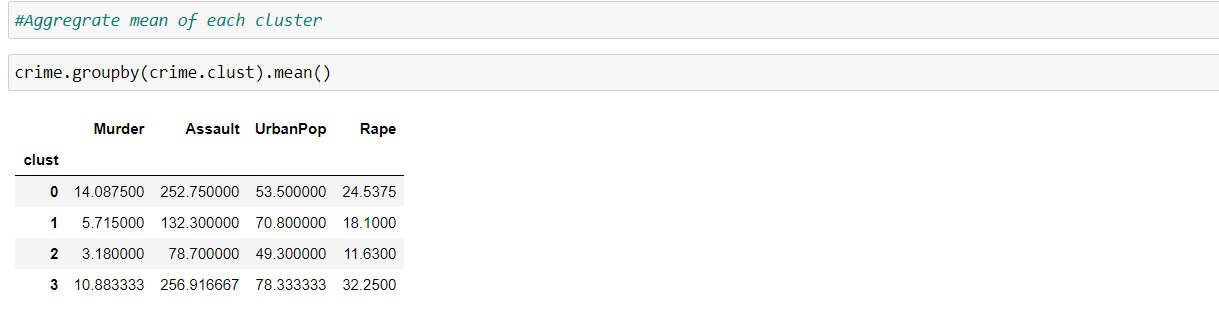
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**Clear image of DENDROGRAM:**

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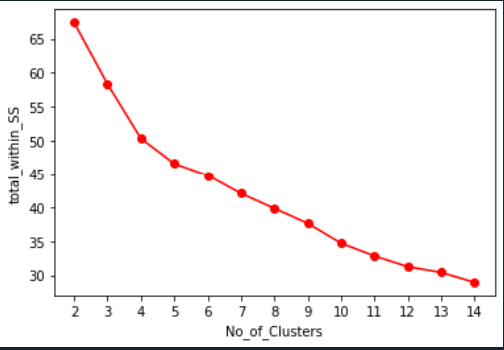
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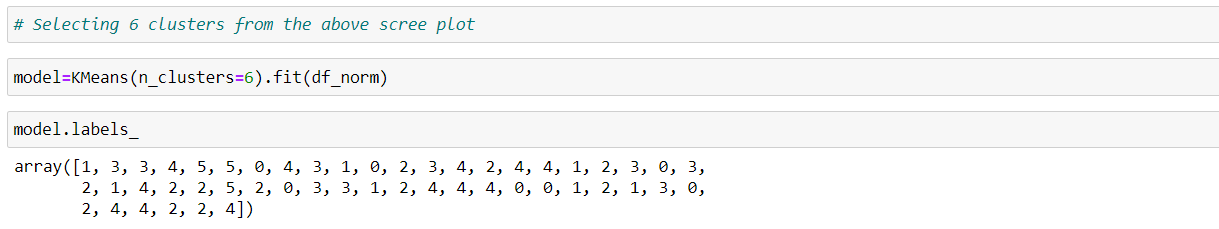
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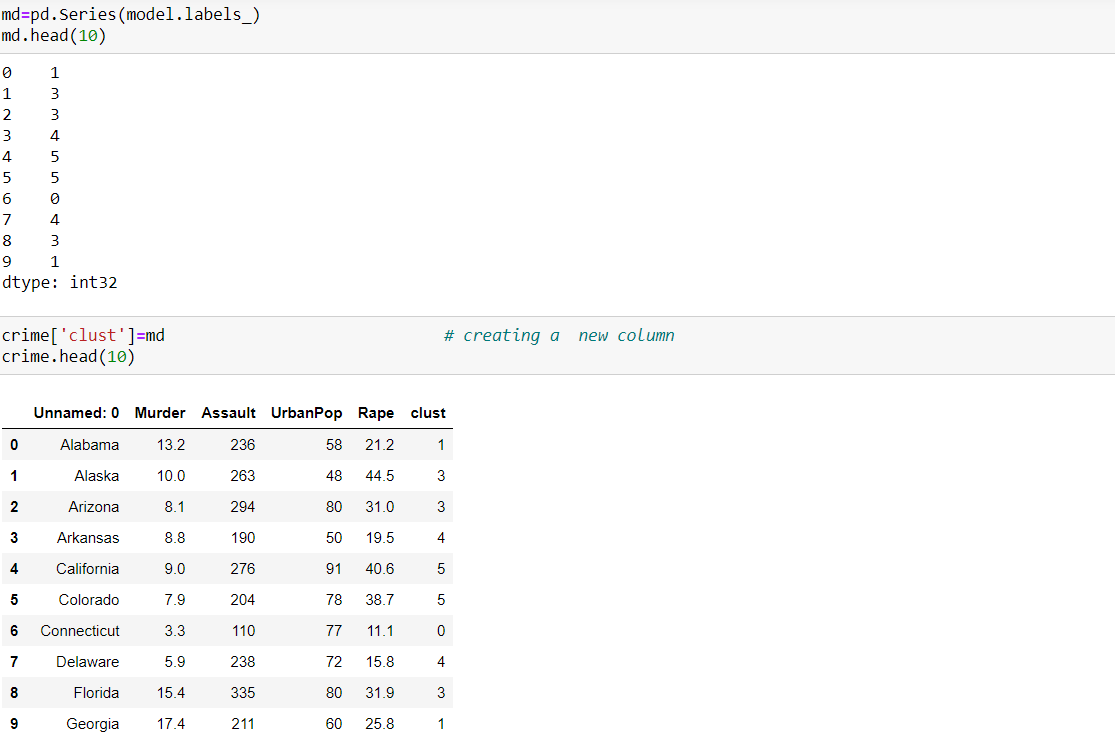
**K-MEANS:(code in same python file)**

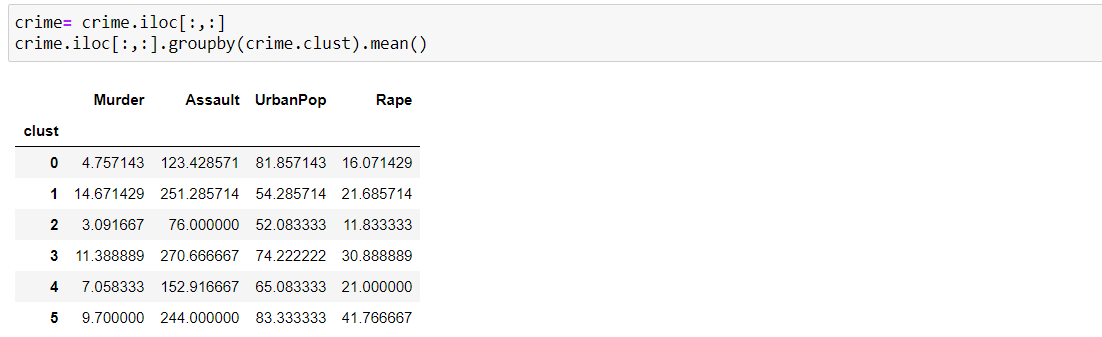
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Here crime data set size is small.so,we can use both hierarchical and k-means clustering.