

Dendrogram Assignment

Problem Statement:

You work in XYZ Company as a Python. The company officials want you to write code for a Agglomerative Clustering Problem.

```
Data:[[5,3],  
      [10,15],  
      [15,12],  
      [24,10],  
      [30,30],  
      [85,70],  
      [71,80],  
      [60,78],  
      [70,55],  
      [80,91],]
```

Tasks to be performed:

- Using the np.array function create an np array from the data given above.
 - Generate a scatter plot for the data.
 - Plot dendrogram to visualize the clustering linkage
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