1. Consider the following data set consisting of the scores of two variables on each of seven individuals. This data set is to be grouped into clusters using K-Mean clustering. Consider the value of the k 2 and 3.
2. Consider the same data and apply PAM algorithm, further compare the performance of the two algorithm.

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| --- | --- | --- |
| Subject | A | B |
| 1 | 2.0 | 4.0 |
| 2 | 2.5 | 5.0 |
| 3 | 3.0 | 4.0 |
| 4 | 6.0 | 2.0 |
| 5 | 2.5 | 5.0 |
| 6 | 3.5 | 7.0 |
| 7 | 3.5 | 4.5 |