**CSE3506 – ESSENTIALS OF DATA ANALYTICS**

**EXPT NO: 7**

**DATE:** 24th March 2021

**NAME:** R. Harini

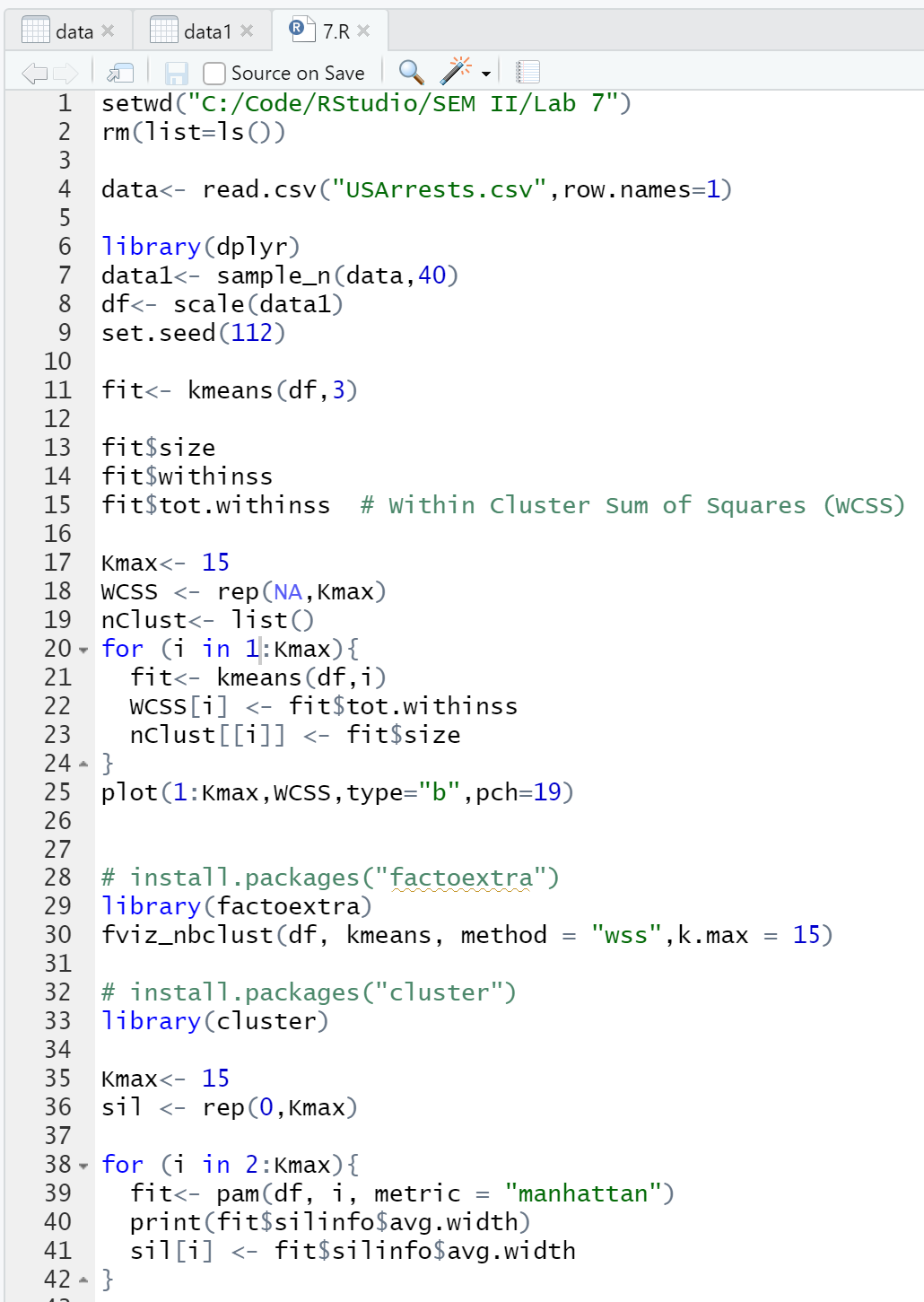
**REG. NO.:** 18BCE1010

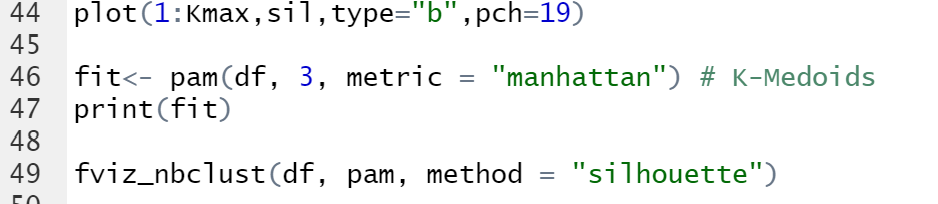
**PARTITIONING BASED CLUSTERING**

**AIM**

To perform the following: 1) K-Means Clustering 2) K-medoids on US Arrests Datasets

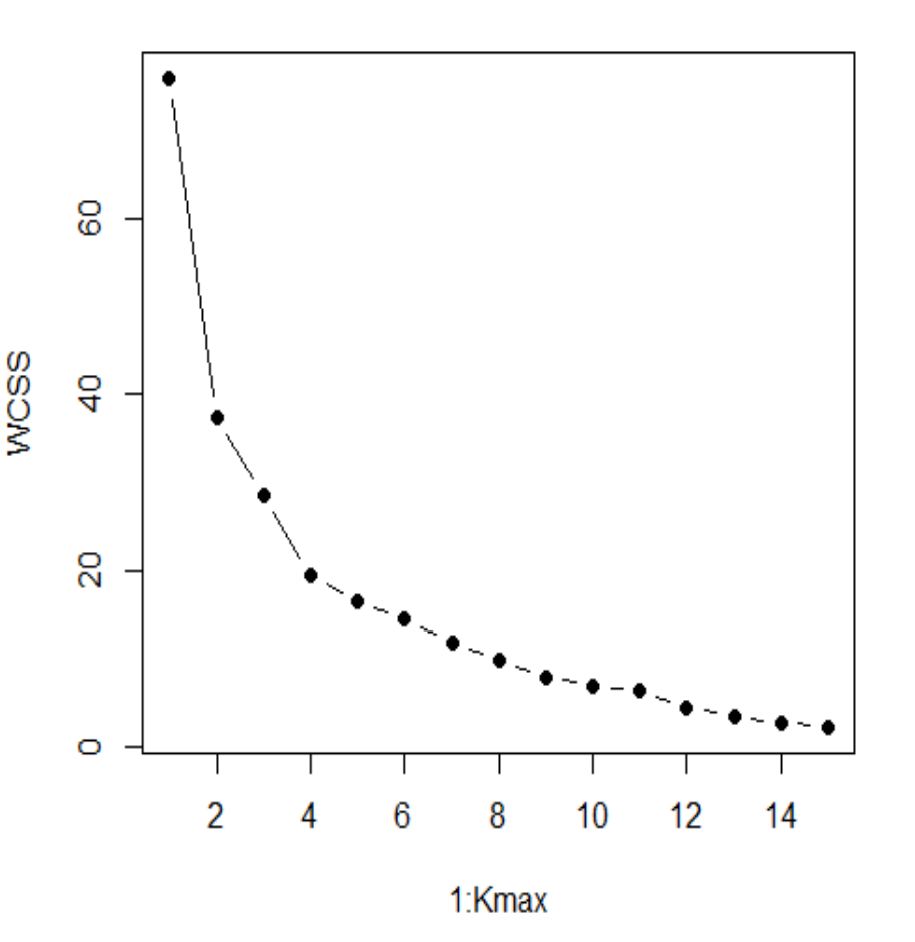
**MATLAB PROGRAM**

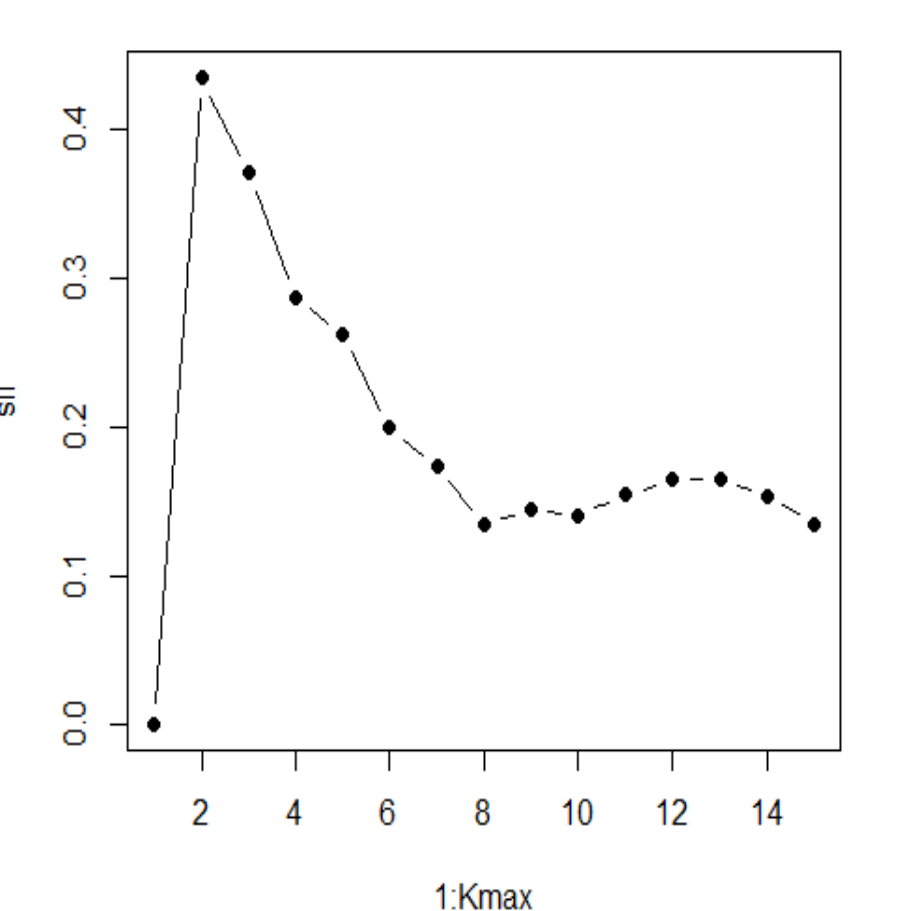
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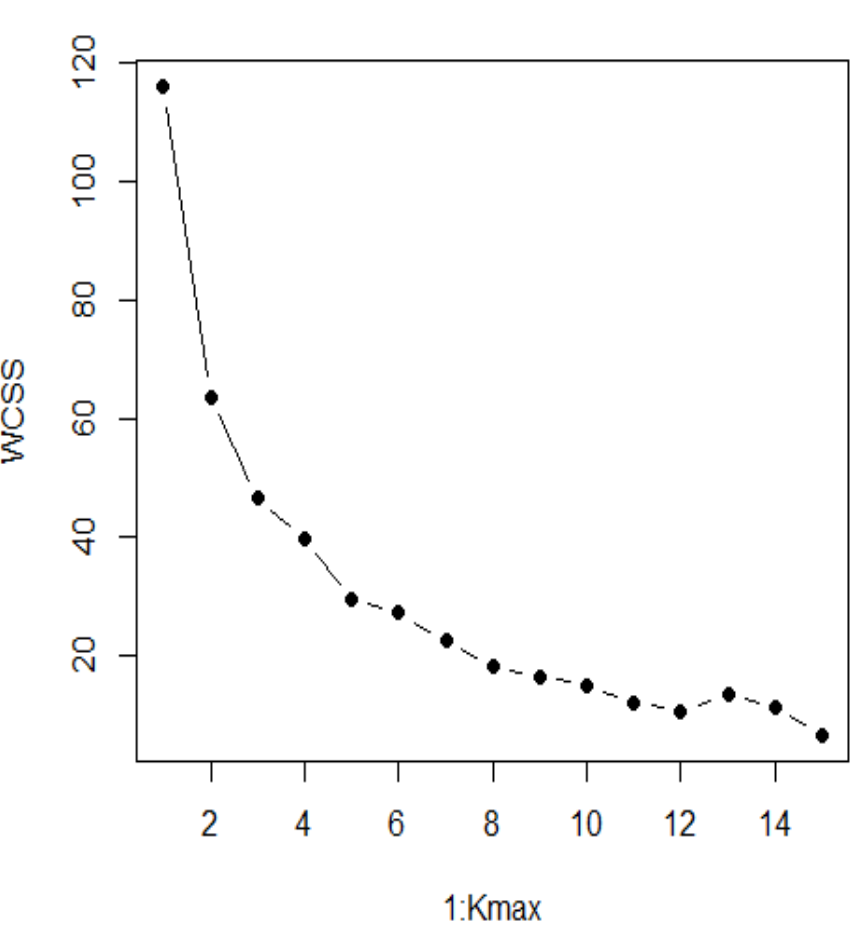
**OUTPUT**

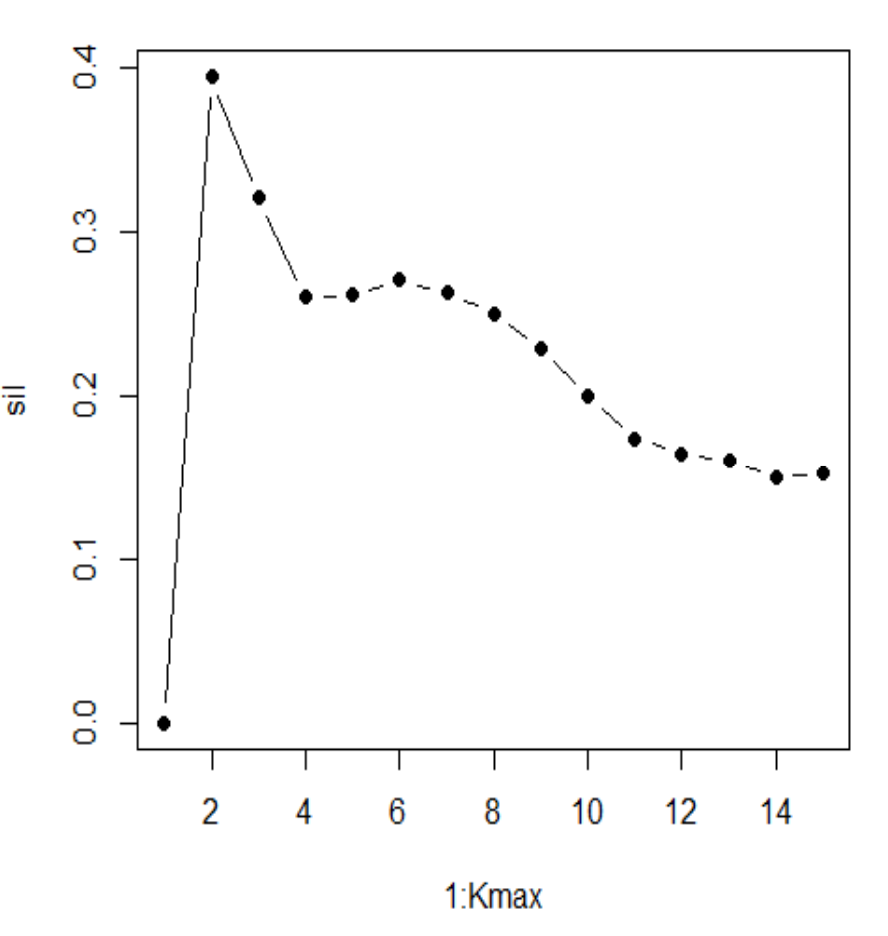
**For Sample Size = 20**

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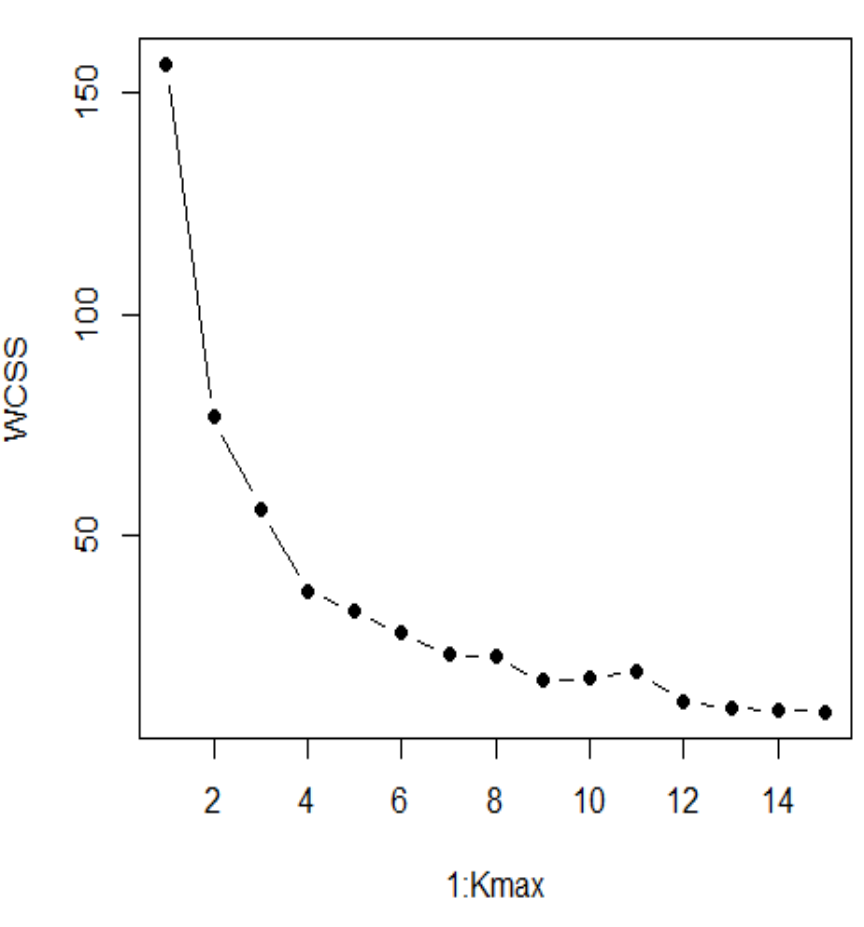
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**For Sample n=30**

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**For Sample n=40**

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