Data Mining Model Exam

SET - 5

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1. Download a sample dataset from any Repository. List the attributes and its type in a word Doc.

Dataset/ Repository taken:

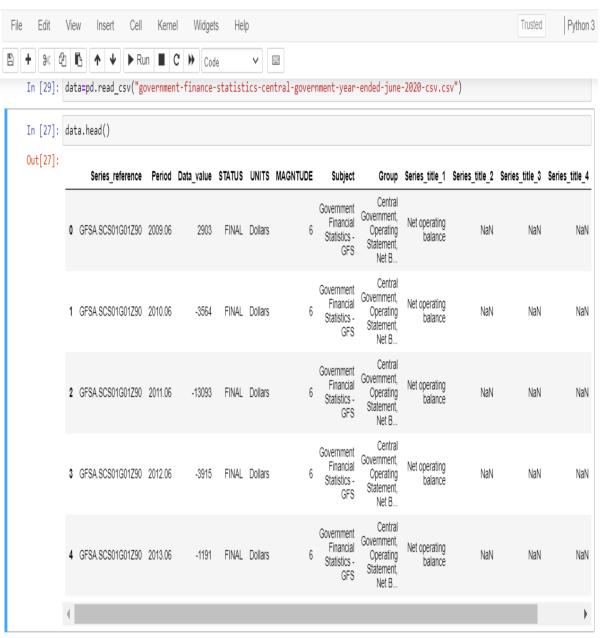
(government-finance-statistics-central-government-year-ended-june-2020-csv.csv)

0 Series_reference 2012 non-null object 1 Period 2012 non-null float64 2 Data value 2012 non-null int64 2012 non-null object 3 STATUS 4 UNITS 2012 non-null object 2012 non-null int64 2012 non-null object 5 MAGNTUDE 6 Subject 2012 non-null object 7 Group 8 Series_title_1 2012 non-null object 9 Series title 2 1160 non-null object 10 Series_title_3 560 non-null object 11 Series title 4 366 non-null object 12 Series title 5 0 non-null float64 dtypes: float64(2), int64(2), object(9)

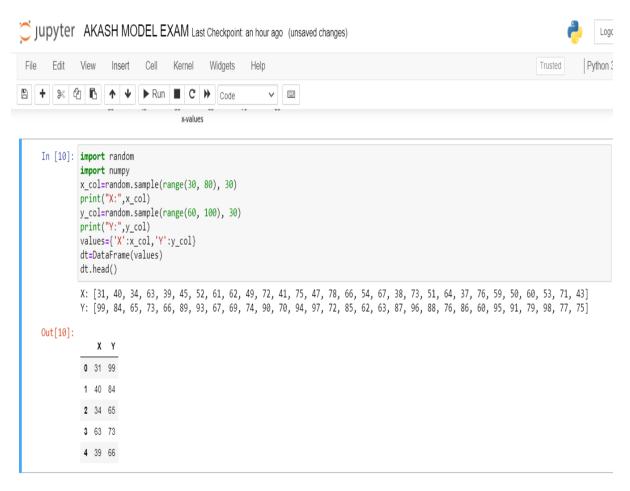
memory usage: 204.5+ KB

Jupyter AKASH MODEL EXAM Last Checkpoint an hour ago (unsaved changes)

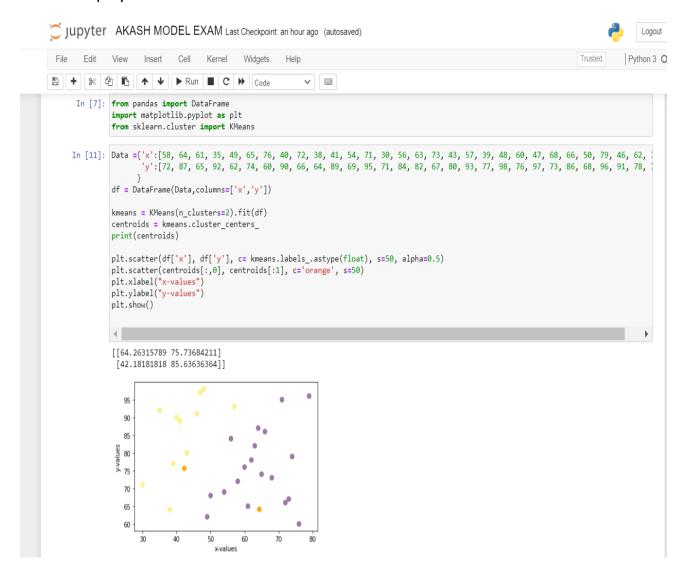




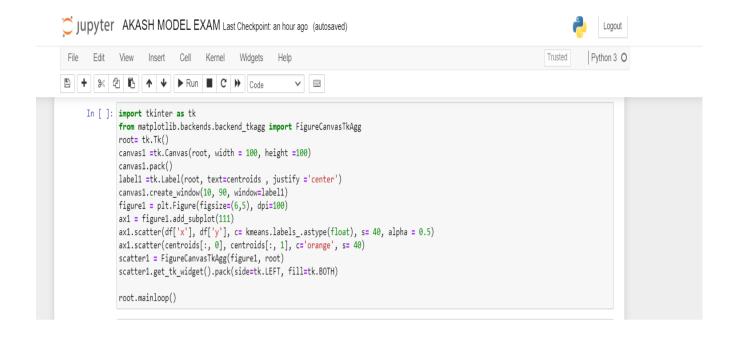
- 2. Create a random dataset of 30 elements with x and y variables using random function between 30 to 80 integers for x and 60 to 100 integers for y. Apply K- means clustering to cluster the data into 2 clusters. Plot the graph and display the result. Use Tkinter GUI to Display the Results.
- ✓ Creating a random dataset of 30 elements with x and y variables using random function between 30 to 80 integers for x and 60 to 100 integers for y.



✓ Apply K- means clustering to cluster the data into 2 clusters. Plot the graph and display the result.



✓ Use Tkinter GUI to Display the Results.



Output: - Tinker GUI

