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EXPERIMENT - 34

Aim: To execute program to draw scatter plot using random distributions to generate balls of different sizes.
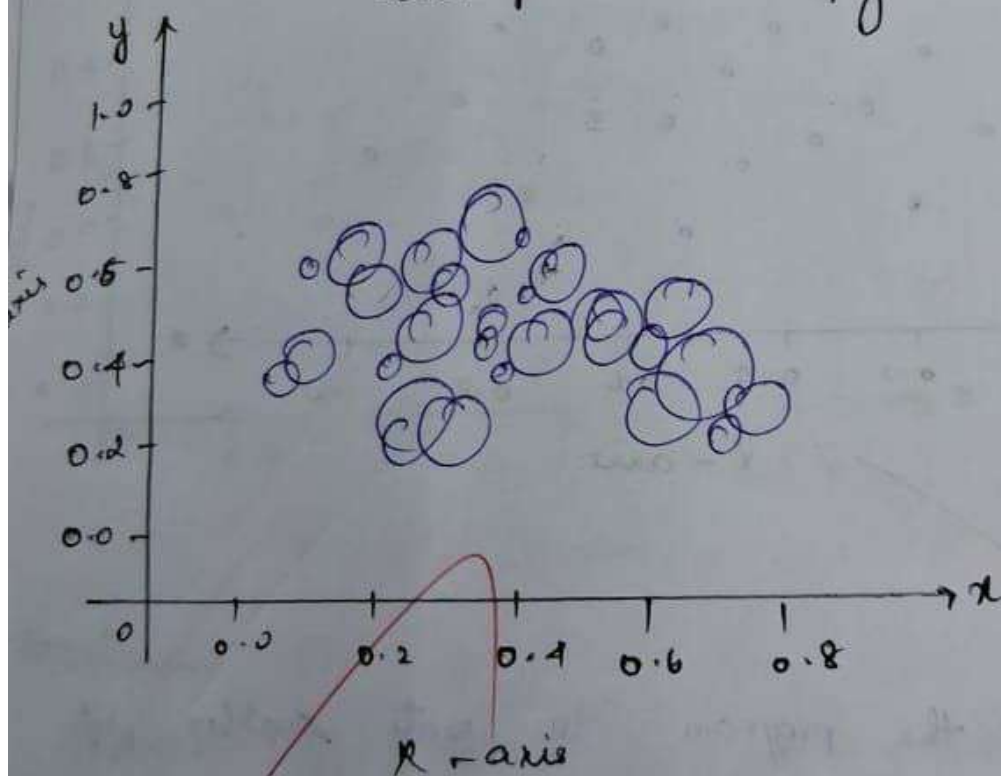
Pseudocode:

1) Import libraries matplotlib.pyplot, numpy
2) Use np.random.rand to generate random distribution
3) Generate random sizes for each point
4) Create plot using sea plt.scatter()
5) Label and display plot.

Sample input:

Random values of distributions.

Sample output:

Scatter plot with empty circles

R - axis

Result:

Therefore the program for scatter plot with different size of empty circles executed successfully.

Scatter Plot with Balls of Different Sizes