

52 EXPERIMENT - 32

Aim: To create a program to draw scatter graph taking random distribution in x and y .

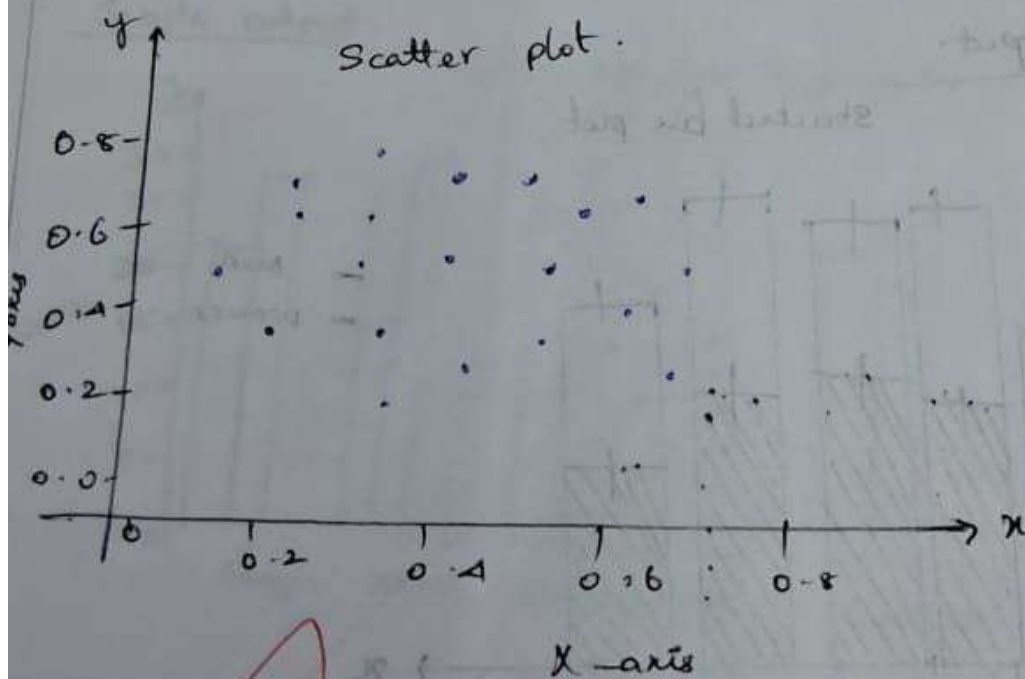
Pseudocode:

- 1) Import necessary libraries (`matplotlib.pyplot`, `numpy`)
- 2) Use `np.random.rand` to generate distributions
- 3) create scatter plot `plt.scatter()`
- 4) Label and display plot.

Sample Input:

Random values of distribution.

Sample output:



Result:

Therefore the program to create scatterplot for distributions executed successfully.

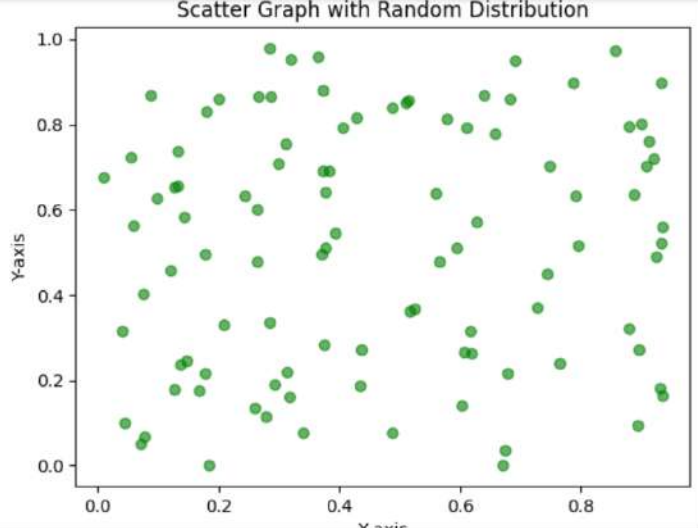
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Connect Gemini

Scatter Graph with Random Distribution



The scatter plot displays a random distribution of approximately 100 green data points. The x-axis and y-axis both range from 0.0 to 1.0, with major tick marks every 0.2 units. The points are scattered across the entire plot area, with no discernible pattern or trend, representing a uniform random distribution.