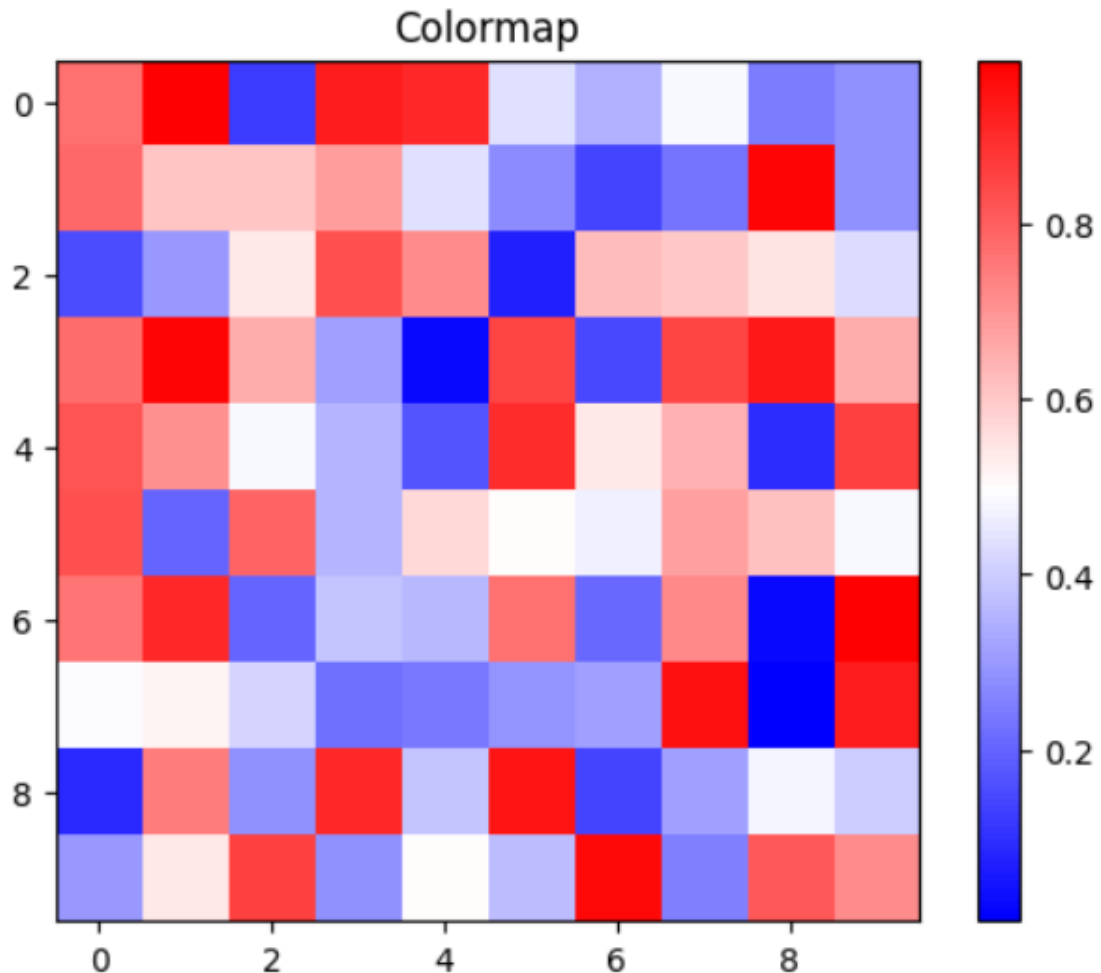


Implement a custom colormap for a Matplotlib plot:

1. Task Description:

In this task, I have implemented a custom colormap for a Matplotlib plot. The goal is to create a custom color gradient and apply it to a random data set.

2. Task Output Screenshot:



3. Widget/Algorithm Used In Task :

The key elements used in this task are:

- **Numpy**: Used to generate a random 10x10 data set.
- **Matplotlib**: Used to create the plot and apply the custom colormap.
- **LinearSegmentedColormap**: A Matplotlib function used to create a custom colormap from a list of colors.