Problem three

This problem I used python as well as the library’s numpy, matplotlib, and scipy to interpolate a collection of two-dimensional data. I ended up using a bilinear spline Rbf from scipy to interpolate data between the given data. Then plotted the resultant data using matplotlib.

In the course of solving this problem, I applied a few math concepts from classes. I also made a few mistakes early in the dimensions of my resultant data set, defining it beyond the given data. However, my math training lead me to notice discrepancies due to extrapolation, allowing me to notice the mistake