

Scatter plot 1 shows three clusters of data points on a 2D grid. The blue cluster is located on the left side of the plot. The yellow cluster is located in the center. The red cluster is located on the right side of the plot.

Scatter plot 3 shows three clusters of data points on a 2D grid. The blue cluster is located in the upper right quadrant, the yellow cluster is in the center, and the red cluster is in the lower left quadrant. The clusters are well-separated from each other.

Scatter plot 7 shows three clusters of data points on a 2D grid. The red cluster is located in the upper-left quadrant, the blue cluster is in the lower-left quadrant, and the yellow cluster is in the upper-right quadrant. The clusters are well-separated from each other.

Scatter plot 8 shows three clusters of data points on a 2D grid. The blue cluster is located in the bottom-left area, the yellow cluster is in the top-left area, and the red cluster is in the top-right area. The clusters are well-separated from each other.

A scatter plot for k=10 showing 10 clusters of data points. The clusters are represented by blue, red, and yellow circles. The plot is set against a grid background. The clusters are distributed across the plot area, with some overlapping and some well-separated.

Scatter plot 11 displays three clusters of data points on a 2D grid. The red cluster is located in the lower-left area, the yellow cluster is in the lower-center area, and the blue cluster is in the upper-right area. The clusters are well-separated from each other.

Scatter plot 13 displays three clusters of data points on a 2D grid. The blue cluster is located on the left side of the plot. The red cluster is located at the bottom center. The yellow cluster is located on the right side of the plot.

Scatter plot 14 displays three clusters of data points on a 2D grid. The blue cluster is located in the lower-left region, the red cluster is in the center, and the yellow cluster is in the upper-right region. The points are represented by small circles of their respective colors.