

A scatter plot illustrating the result of a clustering algorithm. The data points are colored based on their assigned cluster, and a black line represents the decision boundary between clusters. The x-axis ranges from -2 to 2, and the y-axis ranges from 0 to 10. The clusters are represented by different colors: yellow, orange, purple, green, cyan, and dark blue. The decision boundary is a straight line with a negative slope, separating the clusters.

