

A scatter plot showing 1000 data points on a 2D plane with both axes ranging from -100 to 100. The points are colored based on their density, with a color gradient from dark purple (low density) to bright yellow (high density). The distribution is multi-modal and elongated along the diagonal. A high-density yellow cluster is located near (25, 45). Other significant clusters include a green one near (-5, 50), a cyan one near (-25, 30), and a purple one near (20, -60). The points form a broad, diagonal band from the bottom-left to the top-right, with some points scattered outside this main trend.

