

A scatter plot illustrating the separation of two classes, 'orange country' and 'purple country', based on their x-coordinate. The x-axis is labeled 'x coordinate' and ranges from 0 to 700. The 'orange country' data points are clustered on the right side of the plot, centered around x=600. The 'purple country' data points are clustered on the left side, centered around x=200. A green line, representing a linear decision boundary, is drawn at approximately x=330, separating the two clusters. A legend in the top right corner identifies the colors: orange for 'orange country' and purple for 'purple country'.

