

A scatter plot illustrating a linear decision boundary. The x-axis is labeled 'x coordinate' and ranges from 0 to 700. The y-axis is unlabeled. Two clusters of data points are shown: 'orange country' (orange circles) and 'purple country' (purple circles). A green line represents the decision boundary, separating the two clusters. The purple cluster is located on the left side of the boundary, and the orange cluster is on the right side.

