

A diagram of a protein structure, likely a dimeric protein, showing two alpha-helices highlighted in cyan and magenta. The protein is represented by a grey ribbon structure. The two highlighted helices are positioned at the top and bottom of the structure, forming a U-shape. The cyan helix is on the left, and the magenta helix is on the right. The helices are composed of red circles connected by a grey line, with a grey shadow underneath.

A scatter plot illustrating a classification problem. The x-axis ranges from approximately -15 to 15, and the y-axis ranges from -10 to 10. The data points are divided into two classes: cyan circles and magenta circles. The cyan points form the upper arc of a U-shape, while the magenta points form the lower arc. A gray shaded region represents the decision boundary, which is the area between the two classes.