



A scatter plot showing the relationship between two features, X1 (y-axis) and X2 (x-axis). The x-axis is labeled 'X2' and has three categories: 'cat', 'dog', and 'fish'. The y-axis is labeled 'X1' and ranges from -15 to 15. The data points are colored and shaped by class: blue circles for 'cat', orange triangles for 'dog', and green squares for 'fish'. The 'cat' class points are clustered at the top (X1 ≈ 10-12). The 'dog' class points are clustered at the bottom (X1 ≈ -5 to -10). The 'fish' class points are clustered in the middle (X1 ≈ 0 to 5).

