

Module 13: Logistic Regression

Glossary

Binary Classification

Classifying data points into one of two classes

Decision Boundary

The region in which the output label of a classifier is ambiguous

Logistic Regression

A statistical model that uses a logistic function to model a binary-dependent variable

Multiclass Classification

Classifying data points into one of three or more classes

Multinomial Classification

Another name for multiclass classification

One-vs-One

A technique that breaks up a multiclass dataset into multiple binary classification problems where each problem compares one class against one other class

One-vs-Rest

A technique that breaks up a multiclass dataset into multiple binary classification problems where each problem compares one class against every other class; also called one-vs-all