Siddhardhan

Titanic Survival Prediction With Python

Machine Learning Project

Problem Statement

Survived

(or)

Not Survived

Work Flow

Data

Data pre processing

Data Analysis

Train Test split

Logistic Regression model

Evaluation

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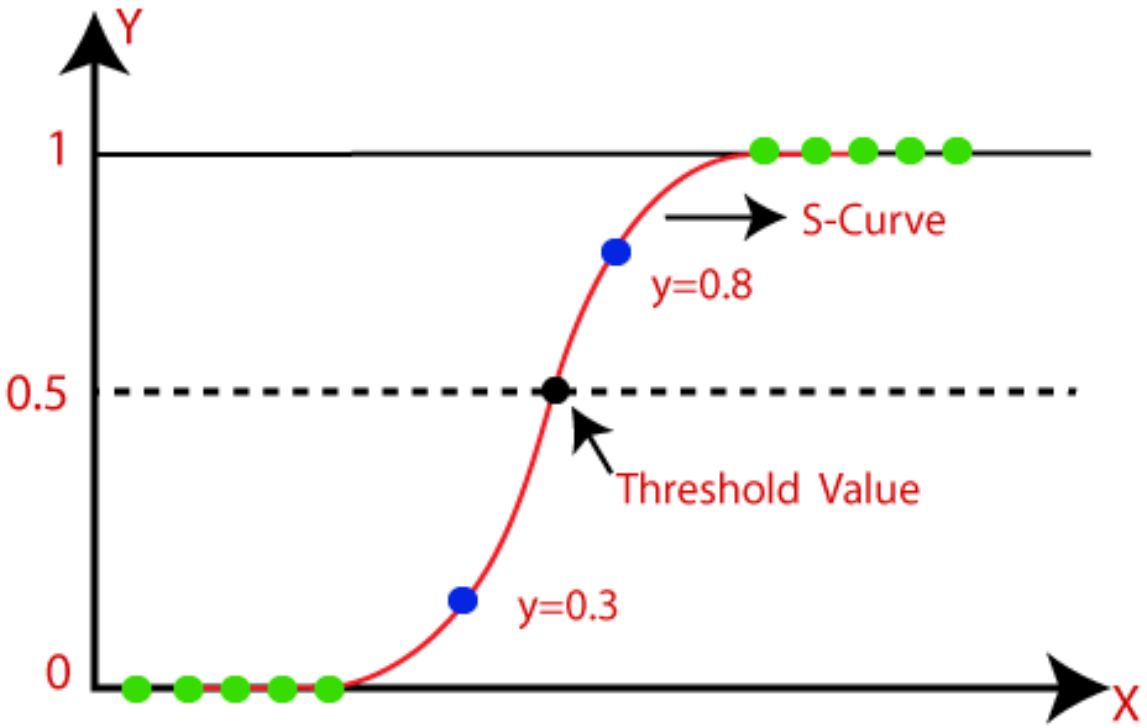
Logistic Regression



X – input features

Y – Prediction Probability

w – weights

b - biases

$$Y = \frac{1}{1 + e^{-Z}}$$

$$Z = w.X + b$$

Sigmoid Function

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