# 1 What is Ensemble Learning?

# 2 Why use Ensemble Learning?

# 3 Types of Ensemble Methods

## 3.1 Max Voting

## 3.2 Averaging

## 3.3 Weighted Average

## 3.4 Bagging

## 3.5 Boosting

## 3.6 Stacking

## 3.7 Blending

# 4 Can Ensemble Learning be used for both regression and classification problems?

# 5 How do these ensemble learning techniques hel improve the performance of the machine learning model?

# 6 Key Takeaways