

Machine Learning Quiz: Classification or Regression?

Instructions for Students

For each scenario, decide:

A → Classification

B → Regression

Question 1: Telecom Churn

A telecom company wants to predict whether a customer will leave next month.

Target:

- Churn = Yes / No

Your Answer:

A) Classification

B) Regression

Answer: A) Classification

Question 2: House Price Prediction

A real estate company wants to predict the selling price of a house.

Target:

- Price = ₹75,00,000

Your Answer:

- A) Classification
- B) Regression

Answer: B) Regression



Question 3: Email Spam Detection

An email system wants to predict whether an email is spam.

Target:

- Spam / Not Spam

Your Answer:

- A) Classification
- B) Regression

Answer: A) Classification



Question 4: Predict Employee Salary



HR wants to predict employee salary.

Target:

- Salary = ₹65,000

Your Answer:

- A) Classification
- B) Regression

Answer: B) Regression



Question 5: Loan Approval



A bank wants to predict whether a loan will be approved.

Target:

- Approved / Rejected

Your Answer:

- A) Classification
- B) Regression

Answer: A) Classification



Question 6: Predict Monthly Sales



A retail company wants to predict monthly sales.

Target:

- Sales = ₹2,45,000

Your Answer:

- A) Classification
- B) Regression

Answer: B) Regression



Question 7: Disease Detection



A hospital wants to predict whether a patient has diabetes.

Target:

- Positive / Negative

Your Answer:

- A) Classification
- B) Regression

Answer: A) Classification



Question 8: Predict Delivery Time



An e-commerce company wants to predict delivery time.

Target:

- Delivery time = 42 minutes

Your Answer:

- A) Classification
- B) Regression

Answer: B) Regression



Question 9: Customer Segmentation



A company wants to assign customers to:

- Gold
- Silver
- Bronze

Your Answer:

- A) Classification
- B) Regression

Answer: A) Classification



Question 10: Predict Student Exam Score

A university wants to predict exam marks.

Target:

- Score = 78

Your Answer:

- A) Classification
- B) Regression

Answer: B) Regression



Question 11: Fraud Detection

A bank wants to detect fraudulent transactions.

Target:

- Fraud = Yes / No

Your Answer:

A) Classification

B) Regression

Answer: A) Classification



Question 12: Predict Customer Age



A company wants to predict customer age.

Target:

- Age = 34

Your Answer:

A) Classification

B) Regression

Answer: B) Regression