

# Machine Learning Quiz: Classification or Regression?

## Instructions for Students

For each scenario, decide:

- A → Classification
  - B → Regression
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### 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

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### 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

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## 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

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## Question 4: Predict Employee Salary



HR wants to predict employee salary.

Target:

- Salary = ₹65,000

**Your Answer:**

- A) Classification
- B) Regression

Answer: B) Regression

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## 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

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## 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

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## 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

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## 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

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## Question 9: Customer Segmentation



A company wants to assign customers to:

- Gold
- Silver
- Bronze

**Your Answer:**

- A) Classification  
B) Regression

Answer: A) Classification

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## 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

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## Question 11: Fraud Detection 💳

A bank wants to detect fraudulent transactions.

Target:

- Fraud = Yes / No

**Your Answer:**

- A) Classification
- B) Regression

Answer: A) Classification

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## Question 12: Predict Customer Age 🎂

A company wants to predict customer age.

Target:

- Age = 34

**Your Answer:**

- A) Classification
- B) Regression

Answer: B) Regression