Quizizz Worksheets

Name

Class

Date

Quiz

Total questions: 10

Worksheet time: 5mins

Instructor name: Mr. Denny Wang

1. Which model is NOT suitable for classification tasks?

a) Logistic Regression

b) CNN

c) Linear Regression

d) Random Forest

2. Which embedding method can handle unseen words?

a) Bag of Words

b) Byte-Pair Encoding (BPE)

c) One-hot encoding

d) Word2Vec

3. Which model uses ONLY a decoder architecture?

a) BART

b) BERT

c) GPT

d) T5

4. Which loss function is typically used for binary classification?

a) Hinge Loss

b) Cross-Entropy Loss

c) Huber Loss

d) Mean Squared Error

5. Which technique is NOT a regularization method?

a) Dropout
b) Batch Normalization
c) L1 regularization
d) Gradient Descent

6. Which model requires the MOST training data typically?

a) Random Forest
b) Large Language Model
c) Linear Regression
d) Decision Tree

7. Which activation function can help prevent the vanishing gradient problem?

a) ReLU
b) Tanh
c) Sigmoid
d) Linear

8. Which model architecture introduced self-attention mechanism?

a) Transformer
b) CNN
c) GRU
d) LSTM

9. Which technique is NOT used for handling imbalanced datasets?

a) Class Weights
b) Gradient Descent
c) Random Undersampling
d) SMOTE

10. Which evaluation metric is MOST suitable for imbalanced classification?

a) F1 Score
b) R-squared
c) Accuracy
d) Mean Squared Error

Answer Keys

1. c) Linear Regression
2. b) Byte-Pair Encoding (BPE)
3. c) GPT
4. b) Cross-Entropy Loss
5. d) Gradient Descent
6. b) Large Language Model
7. a) ReLU
8. a) Transformer
9. b) Gradient Descent
10. a) F1 Score