BENHUR

Machine Learning for All
QUIZ • 1H

Machine Learning Summative Quiz
Review Key Concepts

Submit your assignment

Congratulations! You passed!
TO PASS 80% or higher
Keep Learning
GRADE
100%

Machine Learning Summative Quiz
LATEST SUBMISSION GRADE

100%

1.
Question 1
Machine Learning means...

1 / 1 point
○

Teaching people how to use machines better

○

Copying how human experts do tasks

○

Training a statistical model based on example data

○

Programming a set of logical rules to perform a task

Correct

Yes, that is one possible definition of machine learning

2.
Question 2

What is the input to a classifier?

1 / 1 point

○ Pictures

○ Words

○ Sounds

○ **Anything that can be represented on a computer**

Correct

Pretty much, since the input is just a set of numbers

3.
Question 3

Which of these is the hardest challenge for AI?

1 / 1 point

○ Doing mathematical calculations

○ **Recognising road signs**

○ Playing Chess

Correct

Though recognising things visual is easy for people it is very hard for computers. This is particularly true of images like road signs in real settings where different angles and lighting conditions can radically change what a road sign looks like.

4.
Question 4

The big improvement in machine learning in recent years has been due to:

1 / 1 point

○ **Massive increases in the amount of data available**

○ Revolutionary new algorithms

Correct

Yes, the most important thing in machine learning is having a lot of good data

5.
Question 5

To train a machine learning model to recognise words from audio recordings of speech your data would be:

1 / 1 point
○

Lots of audio recordings of speech

○

Lots of written versions of conversations

○

Both audio of speech and the corresponding written words

○

You don't need audio or written words, just rules

Correct

Yes, in supervised learning your examples need to include both inputs and outputs