✓ **Congratulations! You passed!**
TO PASS 80% or higher

[Keep Learning]

GRADE
100%

Machine Learning Summative Quiz

LATEST SUBMISSION GRADE

100%

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1. Machine Learning means...   `1 / 1 point`

   ○ Programming a set of logical rules to perform a task

   ○ Teaching people how to use machines better

   ○ Copying how human experts do tasks

   ◉ Training a statistical model based on example data

   > ✓ **Correct**
   > Yes, that is one possible definition of machine learning

Congratulations!   ✕

You just completed the most difficult
assignment in the course! You should feel
proud of all of your hard work and success.

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   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. Which of these is the hardest challenge for AI?   `1 / 1 point`

   ○ Playing Chess

   ng mathematical calculations

   ognising road signs

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   > **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. 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. 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

   s of written versions of conversations

   h audio of speech and the corresponding written words

   don't need audio or written words, just rules

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