

Assessment

Introduction to Artificial Intelligence



Assessment Guidelines

- Complete this assessment only after you have attended the face-to-face session called **Introduction to Artificial Intelligence**.
- There are ten questions in this assessment.
- Answer all of the questions in this assessment.
- You will complete this assessment on the *Learning* platform.
- After selecting each answer, select **Next** to proceed to the next question.
- You can change and review questions that you have previously answered by selecting **Back**.
- There is only one correct answer. Choose the answer that is most correct.
- Once you have answered all of the questions, select **Finish** to receive your mark.
- You must get at least 80% in order to pass this assessment.
- You can attempt this assessment two times. If you fail on the third time, you will be required to attend the face-to-face session again.

Assessment Guidelines

Question 1

Which of the following phrases is the best definition of artificial intelligence?

- a) **A machines' ability to understand, think and act on a problem in the same way a human would in the same situation.**
- b) A programme that processes the basic instructions that drive a computer.
- c) An open-source operating system used for smartphones and tablet computers.

Question 2

Which of the following is an example of an instance where AI is being used?

- a) An electric car
- b) **Automated processing of claims**
- c) Data collection

Question 3

Why is AI useful to the insurance industry?

- a) It can be used to improve the security of your personal data.
- b) It can replace human workers.
- c) **It can be used to create individually tailored risk profiles for insurance purposes.**

Question 4

Here are characteristics of artificial intelligence. One of the options is **not** correct. Select the incorrect option.

- a) **A range of technologies, applications and products that are linked to the internet**
- b) Self learning software applications
- c) Feature extraction in datasets

Question 5

Why is it important for _____, as an insurance company, to conduct research on AI?

- a) AI can determine the cause of an accident by analysing data.
- b) **Advanced image analytics allows for quick analysis of photos of cars in accidents to assess the replacement costs.**
- c) AI can make moral and ethical decisions from datasets it analyses.

Question 6

Determine whether this statement is true or false: artificial intelligence can be dangerous.

- a) **True**
- b) False

Question 7

What are some of the common benefits of AI?

- a) It is cheap to setup an AI system and to run because they use very simple machines.
- b) AI has the ability to think creatively when solving problems.
- c) **AI can increase the efficiency of a business by completing repetitive tasks with lower rates of errors.**

Question 8

Determine whether the following statement is true or false: weak AI can successfully imitate human intelligence and is at the core of advanced robotics.

- a) True
- b) False**

Question 9

What would you say are common misconceptions about AI?

- a) AI works in the same way the human brain does.**
- b) Intelligent machines cannot learn on their own without human intervention.
- c) AI is not free from bias.

Question 10

Select the the statement that best describes what a dataset is.

- a) A sequence of well-defined, computer-implementable instructions, typically used to solve a class of problems or to perform a computation.
- b) A collection of data in tabular format, where every column on the table represents a particular variable, and each row corresponds to a given record of the data set in question.**
- c) A technology that is capable of identifying or verifying a person's identity from a digital image or video source.