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Module 4 quiz

Question 1

3.0/3.0 points (graded)

All of the parts of a complete IoT process need programming. But where in the following IoT process is programming needed for the system to be *Internet* of Things?

Soil sensor to microcontroller to the Cloud to microcontroller to fertilising mechanism

☐ Soil sensor and Cloud and fertilising mechanism

☒ Microcontroller and Cloud ✓

☐ Soil sensor and Microcontroller

☐ Soil sensor and fertilising mechanism

Submit

You have used 1 of 1 attempt

Question 2

3.0/3.0 points (graded)

What are the descriptors for Big Data? (as coined by IBM)

☐ Speed, True, Diversity, Amount

☐ Vast, Velocity, Variance, Verified

☒ Volume, Velocity, Variety, Veracity ✓

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You have used 1 of 1 attempt

Question 3

3.0/3.0 points (graded)

Which of the following functions does NOT apply to a typical data centre's services?

☐ Data storage

☐ Data management

☐ Data analysis

☐ Data security

☒ Data generation ✓

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You have used 1 of 1 attempt

Question 4

3.0/3.0 points (graded)

Which of these sentences could be a line of programming code?

☒ If temperature is more than 30 degrees C, run fan, else, run heater ✓

☐ When it gets too hot, turn the fan on otherwise keep heating the room

☐ Run heater until temperature reaches 30 degrees C then cool it down

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You have used 1 of 1 attempt

Question 5

3.0/3.0 points (graded)

Why will IoT put a strain on internet infrastructure?

☒ The unprecedented amount of data ✓

☐ The variety of IoT protocols

☐ The large number of unsecured devices connecting to the internet

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You have used 1 of 1 attempt

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