

# Day 2 Quiz

1st July, 2024

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**Q1:** What was the classical approach to artificial intelligence?

**Q2:** What is machine learning and how it is different from the classical approach?

**Q3:** Write down the definition of unsupervised learning.

**Q4:** Write down the definition of supervised learning. How is it different to unsupervised learning?

**Q5:** What is the Turing test?

**Q6:** What do we mean by subscript and superscript?

**Q7:** What are features/variables?

**Q8:** If I write  $x_1^{(4)}$ , what value am I referring to? i.e. what do the  $x_1$  and  $^{(4)}$  represent?

**Q9:** What does  $y^{(7)}$  mean?

**Q10:** What do I mean when I write  $x_2^{(i)}$  and  $y^{(i)}$ ?