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Dashboard / Statistics and Probability for Data Sciences - Challenges / Week 1 MCQ

# Week 1 MCQ

<u>Rules <u>Grading policy</u> <u>Your Grades</u></u>

#### # Attempt 1

You scored **19/19** in this challenge. Please see the below table for details

| 1 |  | 19 / 19 |
|---|--|---------|
|   |  |         |

#### #Question1

What is Artificial Intelligence?

**Correct Answers** 

✔Artificial Intelligence is a field that aims to develop intelligent machines

Your Answer

✔Artificial Intelligence is a field that aims to develop intelligent machines

#### #Question2

Which of the following is the branch of Artificial Intelligence?

**Correct Answers** 

✓ Machine Learning

**Your Answers** 

✓ Machine Learning

#### #Question3

What is the goal of Artificial Intelligence?

**Correct Answers** 

✓ To solve real-world problems

**Your Answers** 

✓To solve real-world problems

#### #Question4

Which of the following is not an application of artificial intelligence?

**Correct Answers** 

**✓**DBMS

**Your Answers** 

**✓**DBMS

## #Question5

Application of machine learning methods to large databases is called

**Correct Answers** 

**✓**Data mining

Your Answers

✓ Data mining

## #Question6

If machine learning model output involves target variable then that model is called as

**Correct Answers** 

✓Predictive model

Your Answers

✔Predictive model

## #Question7

In what type of learning labelled training data is used

**Correct Answers** 

✓ Supervised learning

Your Answers

✓ Supervised learning

## #Question8

Which of the following is the best machine learning method?

**Correct Answers** 

✓All of the above

Your Answers

✓ All of the above

## #Question9

What characterize unlabeled examples in machine learning

Correct Answers

◆There is plenty of confusing knowledge

Your Answers



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**Your Status** 

You have scored 29509 points. Keep gc



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◆There is plenty of confusing knowledge

#Question10

Data used to build a data mining model

**Correct Answers** 

✓ Training data

**Your Answers** 

✓ Training data

#### #Question11

Of the Following Examples, Which would you address using a supervised learning Algorithm?

#### **Correct Answers**

✓ Given email labeled as spam or not spam, learn a spam filter

**Your Answers** 

✓ Given email labeled as spam or not spam, learn a spam filter

#### #Question12

You are given reviews of a few netflix series marked as positive, negative and neutral. Classifying reviews of a new netflix series is an example of

**Correct Answers** 

✓ Supervised learning

**Your Answers** 

✓Supervised learning

#### #Question13

Which of the following is a good test dataset characteristic?

**Correct Answers** 

✓ Both a and b

**Your Answers** 

✓ Both a and b

#### #Question14

Which of the following techniques would perform better for reducing dimensions of a data set?

## **Correct Answers**

✔Removing columns which have too many missing values

**Your Answers** 

✔Removing columns which have too many missing values

## #Question15

Supervised learning and unsupervised clustering both require which is correct according to the statement.

**Correct Answers** 

✓Input attribute

**Your Answers** 

✓Input attribute

## #Question16

Which learning Requires Self Assessment to identify patterns within data?

**Correct Answers** 

✓ Unsupervised learning

Your Answers

✓Unsupervised learning

## #Question17

In simple term, machine learning is

**Correct Answers** 

**✓**Both a and b

Your Answers

**✓**Both a and b

## #Question18

Imagine a Newly-Born starts to learn walking. It will try to find a suitable policy to learn walking after repeated falling and getting up.specify what type of machine learning is best suited?

**Correct Answers** 

✓ Reinforcement learning

Your Answers

✓Reinforcement learning

## #Question19

In multiclass classification number of classes must be

**Correct Answers** 

✓ Greater than two

**Your Answers** 



✓ Greater than two

