

Thank you. Your test submitted.

You have cleared this assessment.

Obtained Percentage

Obtained Marks

100 %

10 / 10

Best Attempt Score:100 % on 12-03-2025

Review Your Attempt



## Sections



Self Assessment - Deep Learning

Result: CLEARED

Overall Percentage: 100% (10/10)

Self Assessment - Deep Learning

Section Score: 10/10



Correct



Incorrect



Unattempted

Q1 of 10

Arrange the steps in the deep learning process in the correct order --

1. Splitting the data in training and testing datasets
2. Model validation
3. Gathering data
4. Applying traditional machine learning algorithm
5. Applying deep learning algorithm

- ☐ i, iii, ii, v, iv
- ☐ ii, iii, iv, v
- ☒ iii, i, v, ii
- ☐ i, iii, v, iv

Q2 of 10

If we apply max pool with 2 X 2 filter and stride as 2 on 8 X 8 matrix, the dimension of resultant matrix will be?

- ☐ 2 X 2
- ☒ 4 X 4
- ☐ 6 X 6
- ☐ 8 X 8

Q3 of 10

When should we use Deep Learning?

- ☐ When we have high end infrastructure
- ☐ When we have lack of domain knowledge for feature introspection
- ☒ All of the above

Q4 of 10

Which of the following frameworks is primarily developed by Facebook AI research group?

- ☐ DL4J
- ☐ Tensorflow
- ☒ Pytorch
- ☐ Keras

Q5 of 10

Assume we have stock market data  $X_1, X_2, X_3, X_4$  for day1, day2, day3, day4 respectively. In RNN, the past day's data is used as:

- ☐ a weight
- ☐ a bias
- ☒ an input
- ☐ All of the above

Q6 of 10

When should we NOT use Autoencoders?

- ☒ To predict tomorrow's weather
- ☐ To reduce the dimension of the data
- ☐ To remove noise from the data



Q7 of 10

Which of the following tasks a Deep Learning model cannot do yet?

- ☐ Identify a fraudulent transaction
- ☐ Translate a text from one language to another
- ☒ Innovate a novel business idea
- ☐ Detect a disease from medical data

Q8 of 10

Which of the following is the correct order of working in CNN?

1. Flattening
2. Convolution
3. Pooling

- ☐ i,ii,iii
- ☐ iii,ii,i
- ☐ ii,i,iii
- ☒ ii,iii,i

Q9 of 10

Usually RNN is not used for which of the following tasks?

- ☐ Stock price detection
- ☒ Dimensionality reduction
- ☐ Speech recognition

Q10 of 10

Which of the following pair of DNNs are similar?

- ☐ CNN - RNN
- ☒ RNN - LSTM
- ☐ LSTM - CNN
- ☐ Autoencoder - LSTM