Started on	Friday, 21 October 2022, 8:00 PM
State	Finished
Completed on	Friday, 21 October 2022, 8:06 PM
Time taken	6 mins 29 secs

Question 1

Complete

Marked out of 1.00

HoG and SIFT are two hand-engineered feature descriptors used in traditional learning based image classification.

Select one:

- True
- False

Question 2

Complete

Marked out of 1.00

What is not gaining popularity in sequence modelling?

- a. GPT
- b. BERT
- c. Transformers
- d. RNN

Question 3

Complete

Marked out of 1.00

What is the backpropagation algorithm used for?

a. To extract features of input data

b. To develop learning algorithm for single layer feedforward neural networks

c. To classify input data into proper output classes

d. To develop learning algorithm for multilayer feedforward neural networks

Question 4

Complete

Marked out of 1.00

The weight of the Sri Lankan Cricket team players is normally distributed with a mean of 75 kg and a standard deviation of 5 kg. What is the random variable in the above distribution ?

a. 5 kg

b. The average weight of a cricketer in the Sri Lankan Cricket Team

c. 75 kg

d. Weight of a cricketer in the Sri Lankan Cricket team

Question 5

Complete

Marked out of 1.00

Match the following:

A continuous random variable has a	probabilty density function.
A continuous multi-variate prob. distribution	integraes to 1.
A conditional distribution is a distribution	with some (not all) random variables fixed in a joint distribution, i.e., looking at a slice.
Marginalizing in a bi-variate distribution means	integrating over the other variable.
A discrete random variable has a	probabilty mass function.

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