Machine Learning (ML) solved MCQs

« Set 26 27 of 31 Set 28 »

651. Which of the following is true about Residuals ?

A. A) Lower is better

B. B) Higher is better

C. C) A or B depend on the situation

D. D) None of these

discuss

A.A) Lower is better

652. Which of the following statement is true about outliers in Linear regression?

A. A) Linear regression is sensitive to outliers

B. B) Linear regression is not sensitive to outliers

C. C) Can’t say

D. D) None of these

discuss

A.A) Linear regression is sensitive to outliers

B. B) Since the there is a relationship means our model is good

C. C) Can't say

D. D) None of these

discuss

A.A) Since the there is a relationship means our model is not good

654. Naive Bayes classifiers are a collection ----------of algorithms

A. Classification

B. Clustering

C. Regression

D. All

discuss

A.Classification

655. Naive Bayes classifiers is _____ Learning

A. Supervised

B. Unsupervised

C. Both

D. None

discuss

A.Supervised

656. Features being classified is independent of each other in Naïve Bayes Classifier

A. False

B. true

discuss

B.true

657. Features being classified is _____ of each other in Naïve Bayes Classifier

A. Independent

B. Dependent

C. Partial Dependent

D. None

discuss

A.Independent

658. Conditional probability is a measure of the probability of an event given that another event has already occurred.

A. True

B. false

discuss

A.True

659. Bayes' theorem describes the probability of an event, based on prior knowledge of conditions that might be related to the event.

A. True

B. false

discuss

A.True

660. Bernoulli Naïve Bayes Classifier is _____distribution

A. Continuous

B. Discrete

C. Binary

discuss

C.Binary

661. Multinomial Naïve Bayes Classifier is _____distribution

A. Continuous

B. Discrete

C. Binary

discuss

B.Discrete

662. Gaussian Naïve Bayes Classifier is _____distribution

A. Continuous

B. Discrete

C. Binary

discuss

A.Continuous

A. True

B. false

A.True discuss

664. Gaussian distribution when plotted, gives a bell shaped curve which is symmetric about the _____ of the feature values.

A. Mean

B. Variance

C. Discrete

D. Random

A.Mean discuss

665. SVMs directly give us the posterior probabilities P(y = 1jx) and P(y = 1jx)

A. True

B. false

B.false discuss

666. Any linear combination of the components of a multivariate Gaussian is a univariate Gaussian.

A. True

B. false

A.True discuss

667. Solving a non linear separation problem with a hard margin Kernelized SVM (Gaussian RBF Kernel) might lead to overfitting

A. True

B. false

A.True discuss

668. SVM is a ---------- algorithm

A. Classification

B. Clustering

C. Regression

D. All

A.Classification discuss

669. SVM is a ---------- learning

A. Supervised

B. Unsupervised

C. Both

D. None

A.Supervised discuss

670. The linear SVM classifier works by drawing a straight line between two classes

A.True

discuss

671. What is Model Selection in Machine Learning?

A. The process of selecting models among different mathematical models, which are used to describe the same data set

B. when a statistical model describes random error or noise instead of underlying relationship

C. Find interesting directions in data and find novel observations/ database cleaning

D. All above

A.The process of selecting models among different mathematical models, which are used to describe the same data set

discuss

672. Which are two techniques of Machine Learning ?

A. Genetic Programming andInductive Learning

B. Speech recognition and Regression

C. Both A & B

D. None of the Mentioned

A.Genetic Programming andInductive Learning

discuss

673. Even if there are no actual supervisors _____ learning is also based on feedback provided by the environment

A. Supervised

B. Reinforcement

C. Unsupervised

D. None of the above

B.Reinforcement

discuss

674. When it is necessary to allow the model to develop a generalization ability and avoid a common problem called_____.

A. Overfitting

A.Overfitting

discuss

675. Techniques involve the usage of both labeled and unlabeled data is called___.

A. Supervised

B. Semi-supervised

C. Unsupervised

D. None of the above

B.Semi-supervised

discuss

« Set 26 Set 28 »

1	2	3	4	5	6	7	8	9	10	11	12	13	14
15	16	17	18	19	20	21	22	23	24	25	26	27	
28	29	30	31										

Tags

Question and answers in Machine Learning (ML),Machine Learning (ML) Multiple choice questions and answers,Important MCQ of Machine Learning (ML), Solved MCQs for Machine Learning (ML),Machine Learning (ML) MCQ with answers PDF download

Topic wise solved MCQ's

- Computer Science Engineering (CSE)

Solved MCQ's for Related Topics

- Information Cyber Security (ICS)
- software design modeling (SDM)
- Software Testing and Quality Assurance (STQA)
- Usability Engineering
- Information systems and engineering economics
- High Performance Computing (HPC)
- Computer Fundamentals
- Data Structure (DS)
- Operating System (OS)
- DataBase Management System (DBMS)
- Software Engineering
- Computer Networks
- Data Structure and Algorithms (DSA)
- Software Testing
- Cloud Computing