Machine Learning (ML) solved MCQs

« Set 13 **14** of **31** Set 15 »

326. Features being classified is of each other in Nave Bayes Classifier

A. independent

B. dependent

C. partial dependent

D. none

A.independent

discuss

327. Bayes Theorem is given by where 1. P(H) is the probability of hypothesis H being true.
2. P(E) is the probability of the evidence(regardless of the hypothesis).
3. P(E|H) is the probability of the evidence given that hypothesis is true.
4. P(H|E) is the probability of the hypothesis given that the evidence is there.

A. true

B. false

A.true

discuss

328. In given im

A. posterior

B. prior

A.posterior

discuss

329. In given image, P(H)is probability.

A. posterior

B. prior

B.prior

discuss

330. Conditional probability is a measure of the probability of an event given that another

A. true

B. false

A.true

discuss

331. 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

A.true

discuss

332. Bernoulli Nave Bayes Classifier is distribution

A. continuous

B. discrete

C. binary

C.binary

discuss

333. Multinomial Nave Bayes Classifier is distribution

A. continuous

B. discrete

C. binary

B.discrete

discuss

334. Gaussian Nave Bayes Classifier is distribution

A. continuous

B. discrete

C. binary

A.continuous

discuss

335. Binarize parameter in BernoulliNB scikit sets threshold for binarizing of sample features.

A. true

B. false

A.true

discuss

336. 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

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

A. true

B. false

B.false

discuss

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

A. true

B. false

A.true

discuss

339. 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

340. SVM is a al

A. classification

B. clustering

C. regression

D. all

A.classification

discuss

341. SVM is a learning

A. supervised

B. unsupervised

C. both

D. none

A.supervised

discuss

342. The linearSVMclassifier works by drawing a straight line between two classes

A. true

B. false

A.true

discuss

343. Which of the following function provides unsupervised prediction ?

A. cl_forecastb

B. cl_nowcastc

C. cl_precastd

D. none of the mentioned

D.none of the mentioned

discuss

344. Which of the following is characteristic of best machine learning method ?

A. fast

B. accuracy

C. scalable

D. all above

D.all above

discuss

345. What are the different Algorithm techniques in Machine Learning?

A. supervised learning and semi-supervised learning

B. unsupervised learning and transduction

C. both a & b

D. none of the mentioned

C.both a & b

discuss

346. What is the standard approach to supervised learning?

A. split the set of example into the training set and the test

B. group the set of example into the training set and the test

C. a set of observed instances tries to induce a general rule

D. learns programs from data

discuss

A.split the set of example into the training set and the test

347. Which of the following is not Machine Learning?

A. artificial intelligence

B. rule based inference

C. both a & b

D. none of the mentioned

discuss

B.rule based inference

348. 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

discuss

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

349. Which are two techniques of Machine Learning ?

A. genetic programming and inductive learning

B. speech recognition and regression

C. both a & b

D. none of the r

discuss

A.genetic progra

350. 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

« Set 13 Set 15 »

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