

model/visualization

visualization.png64.30KB

test accuracy

0.634

model/params/optimizer

SGD

batch loss (last)

1.005

batch acc (last)

0.667

data/train/version

b3683ab87d4bfe69c623d...

batch acc

StepLinear

params

Name	Preview
batch_size	128

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# Machine Learning (ML) solved MCQs

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426. SVM algorithms use a set of mathematical functions that are defined as the kernel.

A. true

B. false

A.true

discuss

427. In SVM, Kernel function is used to map a lower dimensional data into a higher dimensional data.

A. true

B. false

A.true

discuss

428. In SVR we try to fit the error within a

A. true

B. false

A.true

discuss

429. What is the purpose of performing cross- validation?

A. a. to assess the predictive performance of the models

B. b. to judge how the trained model performs outside the sample on test data

C. c. both a and b

C.c. both a and b

discuss

430. Which of the

A. a. assumes that all the features in a dataset are equally important

B. b. assumes that all the features in a dataset are independent

C. c. both a and b

D. d. none of the above option

C.c. both a and b

discuss

431. Which of the following isnotsupervised learning?

A. pca

B. decision tree

C. naive bayesian

D. linerar regression

A.💎💎pca

discuss

432.            can be adopted when it's necessary to categorize a large amount of data with a few complete examples or when there's the need to impose some constraints to a clustering algorithm.

A. supervised

B. semi-supervised

C. reinforcement

D. clusters

B.semi-supervised

discuss

433. In reinforcement learning, this feedback is

A. overfitting

B. overlearning

C. reward

D. none of above

C.reward

discuss

434. In the last decade, many researchers started training bigger and bigger models, built with several different layers that's why this approach is called            .

A. deep learning

B. machine learning

C. reinforcement learning

D. unsupervised learning

A.deep learning

discuss

435. there's a gr

the neocortex. S

t happens in

A. regression

B. accuracy

C. modelfree

D. scalable

C.modelfree

discuss

436.                showed better performance than other approaches, even without a context- based model

A. machine learning

B. deep learning

C. reinforcement learning

D. supervised learning

B.deep learning

discuss

437. If two variables are correlated, is it necessary that they have a linear relationship?

A. yes

B. no

B.no

discuss

438. Correlated variables can have zero correlation coefficient. True or False?

A. true

B. false

A.true

discuss

439. Suppose we fit Lasso Regression to a data set, which has 100 features (X1,X2X100). Now, we rescale one of these feature by multiplying with 10 (say that feature is X1), and then refit Lasso regression with the same regularization parameter.Now, which of the following option will be correct?

A. it is more likely for x1 to be excluded from the model

B. it is more likely for x1 to be included in the model

C. cant say

D. none of these

B.it is more likely

discuss



440. If Linear regression model perfectly first i.e., train error is zero, then

A. test error is also always zero

B. test error is non zero

C. couldnt comment on test error

D. test error is equal to train error

C.couldn❖t comment on test error

discuss

441. Which of the following metrics can be used for evaluating regression models?i) R Squaredii) Adjusted R Squarediii) F Statisticsiv) RMSE / MSE / MAE

A. ii and iv

B. i and ii

C. ii, iii and iv

D. i, ii, iii and iv

D.i, ii, iii and iv

discuss

442. In syntax of linear model lm(formula,data,..), data refers to

A. matrix

B. vector

C. array

D. list

B.vector

discuss

443. Linear Regression is a supervised machine learning algorithm.

A. true

B. false

A.true

discuss

444. It is possible to design a Linear regression algorithm using a neural network?



A. true

B. false

A.true

discuss

445. Which of the following methods do we use to find the best fit line for data in Linear Regression?

A. least square error

B. maximum likelihood

C. logarithmic loss

D. both a and b

A.least square error

discuss

446. Suppose you are training a linear regression model. Now consider these points.1. Overfitting is more likely if we have less data2. Overfitting is more likely when the hypothesis space is small.Which of the above statement(s) are correct?

A. both are false

B. 1 is false and 2 is true

C. 1 is true and 2 is false

D. both are true

C.1 is true and 2 is false

discuss

447. We can also compute the coefficient of linear regression with the help of an analytical method called Normal Equation. Which of the following is/are true about Normal Equation?1. We dont have to choose the learning rate2. It becomes slow when number of features is very large3. No need to iterate

A. 1 and 2

B. 1 and 3.

C. 2 and 3.

D. 1,2 and 3.

D.1,2 and 3.

discuss

448. Which of the following option is true regarding Regression andCorrelation ?Note: y is dependent variable and x is independent variable.

A. the relationship is symmetric between x and y in both.

B. the relationship is not symmetric between x and y in both.

C. the relationship is not symmetric between x and y in case of correlation but in case of regression it is symmetric.

D. the relationship is symmetric between x and y in case of correlation but in case of regression it is not symmetric.

D.the relationship is symmetric between x and y in case of correlation but in case of regression it is not symmetric.

discuss

449. In a simple change?

riable will

- discuss

discuss



discuss

discuss

« Set 17 Set 19 »

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										

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1.0k
../batch\_size
>=
32
X
1.0k
../dropout
>
0.2
X

PINNED COLUMNS					
	1.0k	1.0k	1.0k	1.0k	1.0k
	...	...	...	...	...
	res/accuracy	LR	../batch_size	../dropout	../res/loss
<input type="checkbox"/> TFKERAS-14	0.5841	0.15	64	0.23	0.330986
<input type="checkbox"/> TFKERAS-6	0.871	0.09	64	0.3	0.360281
<input type="checkbox"/> TFKERAS-11	0.8428	0.073	256	0.29	0.432303
<input type="checkbox"/> TFKERAS-13	0.8321	0.069	128	0.4	0.460...

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