

Machine Learning - Set 2

This quiz intends to test your knowledge around the concept of fitting the data into a model, logistic & linear regression etc.

Q: Decision trees could be used in which of the following type of problems?

- ☐ Classification
- ☐ Regression
- ☒ Both of the above
- ☐ None of the above

Q: CHAID stands for which of the following?

- ☐ Chi-squared Automatic Integration Detection
- ☒ Chi-squared Automatic Interaction Detection

Q: Logistic regression is used to do which of the following?

- ☐ Estimate numeric target value
- ☒ Estimate class probability

Q: Which of the following belongs to linear estimate method?

- ☐ Linear Regression
- ☐ Logistic Regression
- ☐ Support Vector Machines (SVM)
- ☒ All of the above

Q: Maximum margin classifier is associated with which of the following?

- ☐ Logistic regression
- ☒ SVM
- ☐ Linear regression

Score Card

Total no. of questions:
0

No. of questions
attempted: **10**

No. of correct answers:
10

Overall score: **10/0**

Show Score

Show Answers

Q: If the probability of events occurring is 60%, then the odds are ____

- ☐ 6:1
 - ☒ 3:2
 - ☐ 2:3
-

Q: The S curve representing class probability is associated with which of the following?

- ☐ Linear regression
 - ☒ Logistic regression
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Q: Decision boundary is perpendicular to instance-space axes for which of the following?

- ☒ Classification trees
 - ☐ Linear classifier
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Q: Decision boundary could be in any direction for _____

- ☐ Classification trees
 - ☒ Linear classifier
-

Q: Which of the following uses weighted combination of all attributes

- ☐ Classification trees
 - ☐ Linear classifier
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