



RNS INSTITUTE OF TECHNOLOGY

Autonomous Institution Affiliated to VTU

Assignment 2: CLOUD COMPUTING

University Question Bank

A compilation of important questions for review

Question 1:

In context to prepare the data for Machine Learning algorithms, Write a note 2 on (i) Data Cleaning (ii) Handling text and categorical attributes iii) Feature scaling?

Question 2:

Describe Maximum Likelihood Hypothesis for predicting probabilities. 2?

Question 3:

How to discover and visualize data to gain insights. 2?

Question 4:

Explain the concept of EM Algorithm. 5?

Question 5:

With the code snippet explain how Multilabels classification different from 2 multiclass Multioutput classification? QUESTION COs?

Question 6:

Explain the steps in end to end machine learning project. 2?



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Question 7:

Design a machine learning pipeline for real estate model. 2?

Question 8:

Explain Naïve Bayes Classifier with an Example. 5?

Question 9:

Apply Naïve Bayes algorithm to classify given instance using below training 5 data. New Instance:?

Question 10:

Explain Brute force MAP hypothesis learner and minimum description length 5 principle.?

Question 11:

With the code snippet explain how Multilabels classification different from 2 multiclass Multioutput classification??

Question 12:

Explain Bayesian belief network and conditional independence with example. 5?

Question 13:

Explain the concept of Bayes theorem with an example. 5?

Question 14:

What is data cleaning, explain with suitable example. 2?

Question 15:



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With the code snippets show how Grid Search and Randomized Search helps 2 in Fine Tuning a model.?

Question 16:

Discuss Maximum Likelihood and Least Square Error Hypothesis. 5?

Question 17:

Using code snippets, outline the concepts involved in i) Measuring accuracy 2 using Cross-Validation. ii) Confusion Matrix. iii) Precision and Recall.?

Question 18:

Define (i) Prior Probability (ii) Conditional Probability (iii) Posterior Probability 5?