

**Department of Computer Engineering**  
**Academic Year 2023-2024, Sem-I**

**Crossword**

**Date- 9/08/2023**

**Topic:** Machine Learning

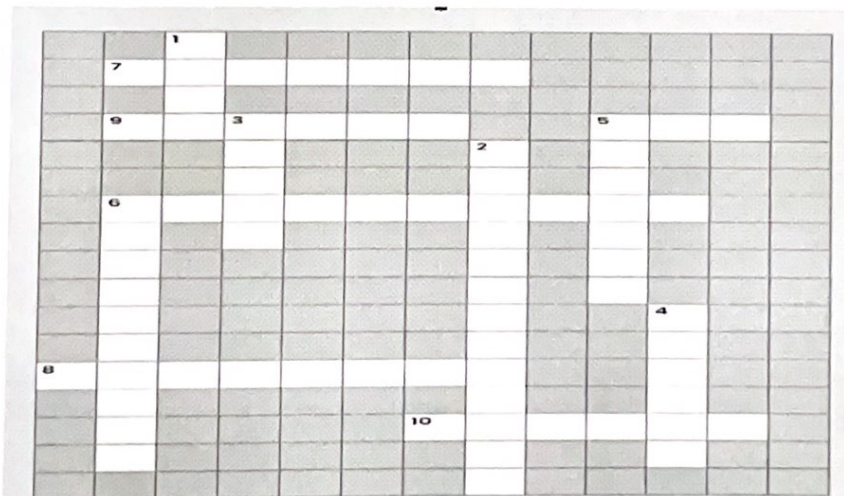
**Date & Time:** 9/08/2023

**No. of Participants:** 27/755

**Mode of Conduction:** Offline

**Co-ordinator:** Ms. Mayuri Shelke

**Topics given for study:** For solving crosswords it is displayed to students. Clues will be provided to students within time they need to solve crossword puzzle. The evaluation is carried out on the basis of correct answers they have solved. Crossword is designed based on the concepts of Machine Learning. The session was followed by doubt clearance.



**HINTS:**

**DOWN**

1. \_\_\_\_ cleaning is a crucial step in the machine learning (ML) pipeline, as it involves identifying and removing any missing, duplicate, or irrelevant \_\_\_\_.
2. \_\_\_\_ Learning is the science of decision making. It is about learning the optimal behavior in an environment to obtain maximum reward.
3. \_\_\_\_ is a very popular python library for large multi-dimensional array and matrix processing.

4. \_\_\_\_\_ regression is a type of supervised machine learning algorithm that computes the linear relationship between a dependent variable and one or more independent features.
5. If a feature represents a characteristic measured in numbers, it is called a \_\_\_\_\_ feature.
6. A \_\_\_\_\_ or a parse tree is a tree representation of different syntactic categories of a sentence. It helps us to understand the syntactic structure of a sentence.

ACROSS

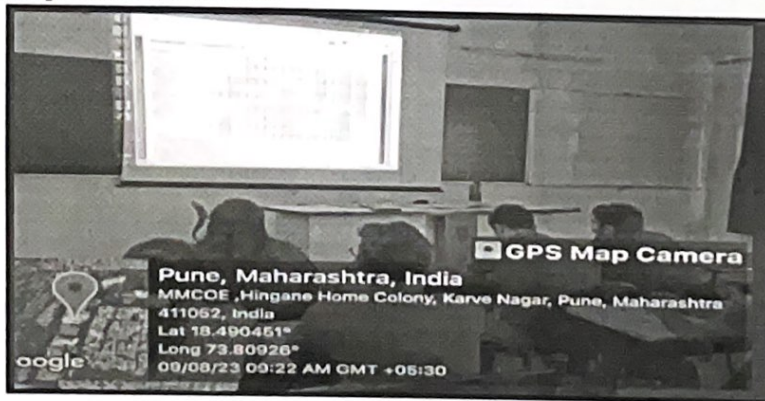
7. \_\_\_\_\_ data includes a label or target variable that the model is trying to predict, whereas unlabeled data does not include a label or target variable.
8. \_\_\_\_\_ regression is a method of fitting a regression model by iteratively adding or removing variables.
9. \_\_\_\_\_ is a popular Python library for data analysis. It is not directly related to Machine Learning. As we know that the dataset must be prepared before training.
10. Artificial \_\_\_\_\_ Network learning is robust to errors in the training data and has been successfully applied for learning real-valued, discrete-valued, and vector-valued functions containing problems such as interpreting visual scenes, speech recognition, and learning robot control strategies.
5. \_\_\_\_\_ is a field of Artificial Intelligence (AI) that deals with the interaction between computers and human languages.
6. \_\_\_\_\_ learning is when the model is getting trained on a labeled dataset.

**Outcome of the session:**

Participants are able to

1. Solve crosswords based on concepts of Machine Learning.
2. Enhance cognitive skills of problem solving.

**Glimpses of the Session:**



*Ms. Shelke*  
Ms. Mayuri Shelke  
Course Coordinator

*Dr. K. S. Thakre*  
Dr. K. S. Thakre  
HOD Computer Engg.