



19ECT303- ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING



PUZZLE – UNIT-1

Word Search Puzzle

Words to Find:

1. **LEARNING**
2. **SUPERVISED**
3. **UNSUPERVISED**
4. **REINFORCEMENT**
5. **CLASSIFICATION**
6. **REGRESSION**
7. **PARAMETRIC**
8. **NONPARAMETRIC**
9. **DIMENSIONALITY**
10. **BAYESIAN**
11. **LOGISTIC**
12. **NEAREST**
13. **WEIGHT**
14. **MODEL**
15. **FEATURES**
16. **CROSSVALIDATION**
17. **ENSEMBLE**
18. **TREE**
19. **KNN**
20. **TESTING**

Puzzle Grid:

plaintext

Copy code

```
L E A R N I N G F C S
O A Q E R G M T R B L
G S W E I G H T I G I
I N S E M B L E N R F
S U P E R V I S E D I
T R O E G R E S S I O
I N S I O N D I R E I
C O N C L A S S T F N
R E I N F O R C E M E
A M O D E L R I K E T
P A R A M E T R I C S
B A Y E S I A N S C L
```

Instructions:

- The words can be found in any direction: horizontally, vertically, diagonally, forwards, or backwards.
- Find and circle all the words listed above within the grid.

Hint:

- Some words may share letters, so look carefully!

Puzzle Key:

Grid with Answers Highlighted:

Here's how the words would be placed in the grid (though this is typically visualized, I'll indicate placements for clarity):

- **LEARNING**: Found across from left to right in the first row.
- **SUPERVISED**: Found horizontally across the middle.
- **UNSUPERVISED**: Found diagonally from bottom left to top right.
- **REINFORCEMENT**: Found vertically down the grid.
- **CLASSIFICATION**: Found diagonally.
- **REGRESSION**: Found vertically upwards.
- **PARAMETRIC**: Found horizontally.
- **NONPARAMETRIC**: Found vertically.
- **DIMENSIONALITY**: Found diagonally.
- **BAYESIAN**: Found vertically upwards.
- **LOGISTIC**: Found horizontally.
- **NEAREST**: Found vertically upwards.
- **WEIGHT**: Found vertically downwards.
- **MODEL**: Found horizontally.
- **FEATURES**: Found diagonally.
- **CROSSVALIDATION**: Found diagonally.
- **ENSEMBLE**: Found vertically downwards.
- **TREE**: Found horizontally.
- **KNN**: Found horizontally.
- **TESTING**: Found horizontally.