

23PCIT503 Machine Learning

Who wants to be a spy? - Sehmat hain app?

12th Aug 2025

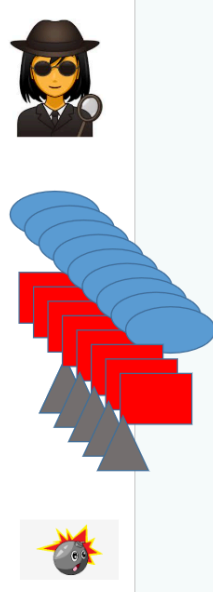
Description: This is a game of guessing which words in each set of words are related to the clue-word given by a spymaster of the same team. Two teams (Red and Blue) compete at the same time. 25 words in Machine Learning are laid out in a 5x5 rectangular grid. A few words belong to the red team, a few to blue teams, a few are neutral, and one word is a bomb/killer. The spymaster is given a color-coded 5x5 grid layout whereas the other member gets the plain grid of the same layout. The spymaster gives a 1-word hint and the number of words related to that hint. Using this hint, the other member must identify the words that belong to their color. Both the teams take turns. The one who first guesses all its words correctly is the winner. If a bomb / killer is guessed, the game ends and the other team is declared as winner.

A sample color-coded 5x5 grid layout for the spymaster

Intelligence 	Penalty 	Ambiguity 	Agent 	Model 
Proportion 	Statistics 	Recall 	Cross-validate 	Cluster 
Weighted 	Multi-class 	Unsupervised 	Semi-supervised 	Ratio 
Assessment 	Exploitation 	Regression 	Actual 	Skewed 
Retail 	Ordinal 	Exploration 	Probability 	Evaluate 



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Field Agent Copy

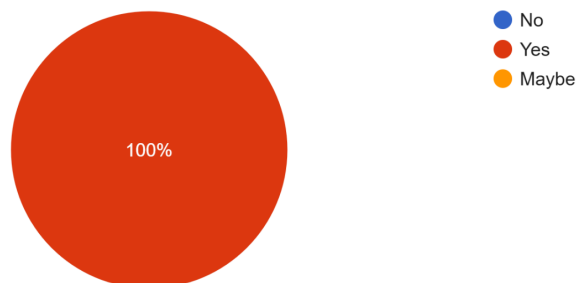
Objective: The objective of this game (pedagogic technique) was to encourage students to learn and remember most used words in Machine Learning in a fun way.

Impact: Students liked this new way of looking at technical concepts. They found this technique interesting, helpful, innovative, refreshing, creative and so on. They found it refreshing and learnt a new way to co-relate the words.

Feedback from students:

Did it help you learn/remember ML concepts in a different way?

32 responses



Elaborate on what you liked about this game the most.

32 responses

I liked how it used ML related words which helped me to friendly with these words

Different clues that we have used for the keyword.

It helped us to remember the concepts

The spy needs to think very carefully for all possible answers to their related word. This helps one think in all the directions and not just linearly

very engaging

The way we get to revised our concert through game was the best part

I liked the way it was very different from the usual sessions and kind of a stress buster

It was amazing to relate the ML topics to the words that need to be guessed.

Photos:

