



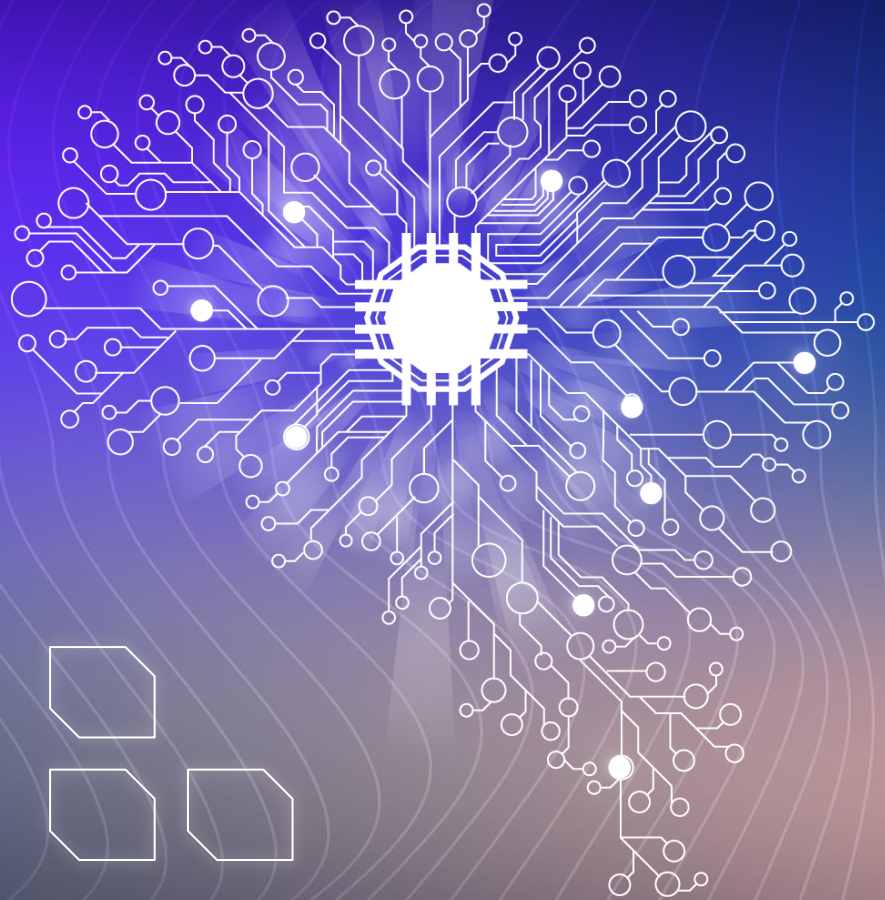
Artificial Intelligence

The Akinator Game

Lily Kueber

The Akinator

- Released in 2007 by developer Elokence
 - French company
- Similar to 20 questions
 - No similar games made since





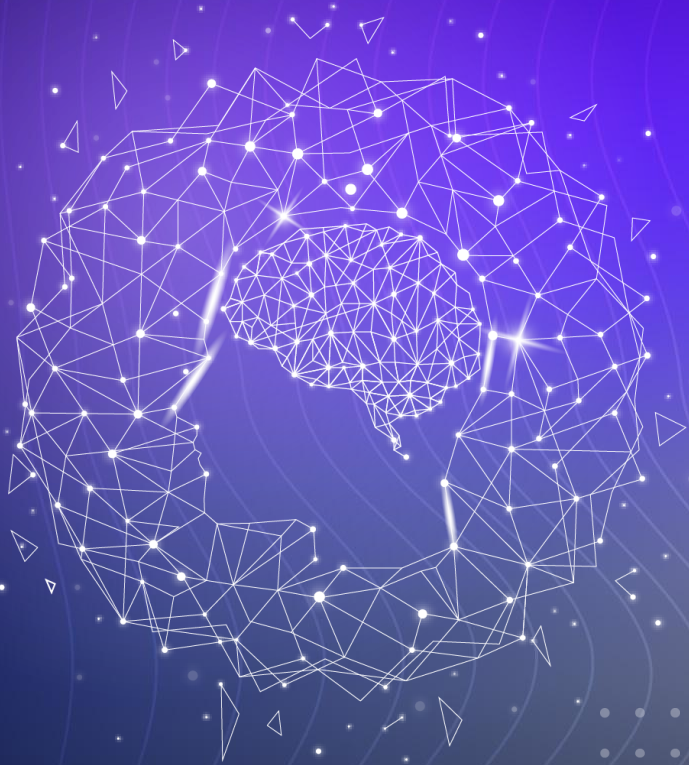
How It's Played

- Genie that “reads your mind”
- Select a category and the genie will ask a series of questions in order to guess what you are thinking of
- Uses information theory to select the fewest amount of questions to distribute into categories



How It Works

- **Classification Algorithms**
 - I.e decision trees
 - Uses a dataset to make categories and groups
 - Use of pattern recognition and training data to find similarities





Project Demo

- I have created a very basic code in python to guess a food or animal
 - Must be within the list given
- It will ask a series of y/n questions

Resources

- <https://stackoverflow.com/questions/13649646/what-kind-of-algorithm-is-behind-the-akinator-game>
- <https://www.linkedin.com/pulse/how-does-akinator-ai-select-good-questions-question-through-cadenas-x6pje/>
- https://www.simplilearn.com/tutorials/machine-learning-tutorial/classification-in-machine-learning#what_is_classification_algorithm