Ideas

1. Chess Game with AI. To build an AI model that plays chess with multiple people at the same time. It will be using Game theory to implement.

* Here we can use the Game Theory with respect to each cell of the chess board where each move can only haven when there is a win condition for that piece and so on…

1. Image recognition to identify the grocery items at the supermarket while using the self-checking options.

* CNN (Convolutional Neural Network) can be used for image recognition to identify the stuff and add to the bill(list) automatically, then for the confirmation for final check out.

1. Sentiment Analysis Model for the detection of the mood of the user through Chat.

* Using NLP (Natural Language Processing) and Socket program to interact, may be a Lisp to hold or remember the state.

1. Object Collision system to avoid a collision between two objects

* Collision Detection Algorithm is used to avoid the collision between two objects. For this Deep Learning with CNN can be used.

1. An AI model to adjust the room temperature according to human activity.

* Basically, this can be done using or sensing the heat in the room and by applying the fuzzy logic concepts (of the heat values being captured to be fuzzy rather than being discrete) which will prevent it from changing the temperature abruptly.

1. Similarity Measures for Text Documents Clustering using K-means Algorithm.
2. Number Plate Detection using CNN at the Traffic signal to catch the person guilty.

* CNN (Convolutional Neural Network) is most appropriate tool for the number plate detection in order to catch the person during or after an incident on a road.
* Image Processing can also be used to detect the number.