Artificial Neural

Artificial neural network is a network of computing system modeled after a biological brain. Like a biological brain it has neurons called nodes and an action potential called the activation function. The purpose of an artificial neural network is to model learning for a machine by the propagation of a machine learning algorithm on the network. There are many different types of neural networks but only one would be focused on in the this poster. which is the convolutional network it is based on a frame work of machine learning called deep learning why this framework is called deep learning would be discussed in the poster. We will also discuss the components and methodology of building a real convolutional neural network.

- Brain behavior replication- the brain Is good at recognizing patterns.
- Using to pattern to learn and predict.
- Thus capable of solving certain problem traditional programing cant solve easily
- Thus we aim to mimic the brain in an electronic computational environment so we can solve such problem easily