Question What is an Artificial Neural Network. a Newal Vehicor is a robust hundren that rates an arbitrary set of intupo are lik il to on arbitany set of outputs Afron are binery. What makes NN special is their use of a hidden layer of weighted functions called neurons, with which you can electively will a network that maps a lot of other functions. Without a hidden layer of Luctions, Derna Delmorts would be just a set of simple weighted furthers. Neural Methods are denoted by the number of neurons per layer for exempte if me have 20 neurons in our input sour, no in one hicken layer, and 5 in an output layer, it would be a 20-10-5 network. If there is more stan one hidden layer then we would denote it as, say 20-7-7-5 (the modelle 75 are layer with 7 notes apiece. To summarize a NN comprise the following parts: . The Input layer -> entry paint (Dola (D)) The hidden layer -> HAVE THE AVAILABILITY to model Non-linear other.

Neurons -> each hidden light contains memors (activation function)

The output layer -> Data with memors in it . The training algorithm > Back proposphian (epoch) Quodient dessent