Dear AI builder,

I would like to ask you to build a simple classification AI for me in python which can predict the outcomes.

I have a library of 1220 specific names.

Every name has 100 digits (which contain the variety of 0 and 1 numbers), but all of them are different.

Every time when the machine restarts itself, it chooses 20 names from that 1220 names.

In the 20 names, all names are different. (there is no such thing that the machine chooses one name twice at the same time)

Every time when the machine chooses the 20 names it relates on the previous 20 names and are connected somehow with all of the previous outcomes.

I would like to order a classification AI which:

* can learn the machine ( at every step the correct outcome will be the next 20 names)
* can predict the next 20 outcome, based on a long list of previous outcomes (writes down the 20 names in a list as a result)
* in it I can upload again the ’all names list’ file, which contains all of the previous outcomes and also new data (so basically I should be able to retrain the AI to use it again with old + new names. Please include an explanation on how I could do change the file in it.)

and a manual, which describes which program packages I should download for running the AI and how to use the AI properly.

Plus information which may help you:

I’m not an expert but I think I will need a neural network in the AI which has at least two 10.000-neuron layers too. Because the machine is quite complex.

I also read that there is a possibility to reduce the incoming neuron numbers from 1220 to for example 3 with a matrix calculation if the names (as 100 digit numbers) are too long for the AI. If you use this method please transform back the matrix numbers to the long names at the end. Here are two images about it:





