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Subject: Neural Networks

Posted by [r083r7](#) on Sun, 27 Jul 2008 09:13:02 GMT

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Hi all,

I posted a query on here about a year ago relating to neural networks in IDL but I didn't get any response so I thought it might be worth trying again.

The problem I'm currently working on for my PhD breaks down to matching a known pattern/signature against a huge amount of data to find cases where the pattern is present.

I don't know that much about neural networks (just a few undergraduate lectures on the basic principles) or exactly how I'd go about implementing something like this but it seems that IDL is fairly well suited to this kind of task due to it's ability to sort and match large arrays of data.

Have many people worked on neural networks in IDL before? I haven't had much luck searching the group for answers apart from a few old (and very old!) posts on the subject asking pretty much the same as I am.

I'd much prefer to use IDL for this if possible but I'm starting to wonder whether something like Matlab might be better suited as there seems to be quite a bit more documentation and example code for using neural networks in IDL.

Cheers

Rob

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