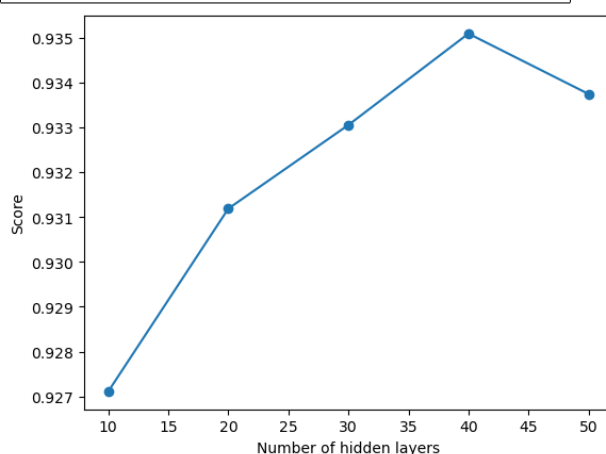# CCE5225 - Assignment 1
MiniBooNE particle identification
signal/background classification

Sultan Dayani

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>Comment on whether the performance changes significantly amongst different hyperparameter values for each model.

HL Size	Mean Fit Time	Mean Score
(10,)	99.88s	0.927113
(20,)	100.26s	0.931188
(30,)	74.61s	0.933052
(40,)	376.35s	0.935090
(50,)	163.39s	0.933744

>Report the time required for training, the set of hyperparameters which were tested, and the final per-class accuracies achieved on the unseen test set (in the form of a confusion matrix).

>Comment on the performance of each model, and provide an explanation as to why you believe the highest performing model gave the best results.