

Dùng Weka để huấn luyện Neural Network

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Iris Dataset

<https://archive.ics.uci.edu/ml/datasets/iris>



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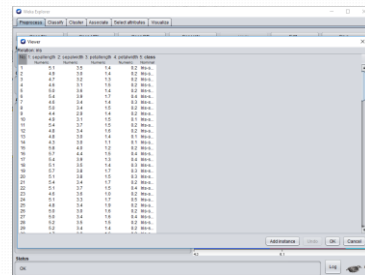
Iris dataset description

- Data Set Information:**
 - This is perhaps the best known database to be found in the pattern recognition literature. Fisher's paper is a classic in the field and is referenced frequently to this day. (See Duda & Hart, for example.) The data set contains 3 classes of 50 instances each, where each class refers to a type of iris plant. One class is linearly separable from the other 2; the latter are NOT linearly separable from each other.
 - Predicted attribute: class of iris plant.
 - This is an exceedingly simple domain.
 - This data differs from the data presented in Fishers article (identified by Steve Chadwick, spchadwick@especcol.net). The 35th sample should be: 4.9,3.1,1.5,0.2, 'Iris-setosa' where the error is in the fourth feature. The 38th sample: 4.9,3.6,1.4,0.1, 'Iris-setosa' where the errors are in the second and third features.
- Attribute Information:**
 1. sepal length in cm (dài hoa)
 2. sepal width in cm
 3. petal length in cm (cánh hoa)
 4. petal width in cm
 5. class:
 - Iris Setosa
 - Iris Versicolour
 - Iris Virginica

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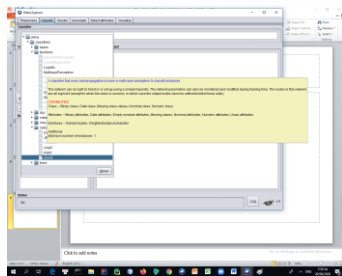
Chọn file Iris.arff



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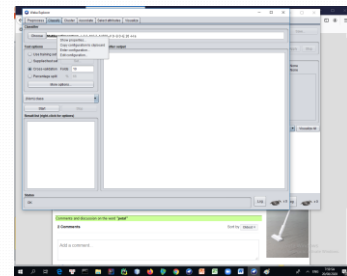
Select Classify Functions Multi layer Perceptron



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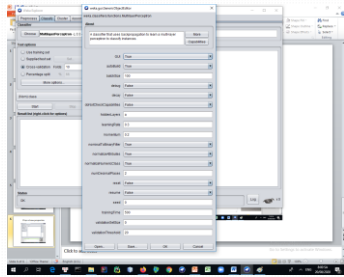
Chọn show properties



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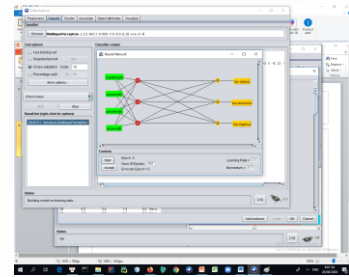
Chọn GUI True



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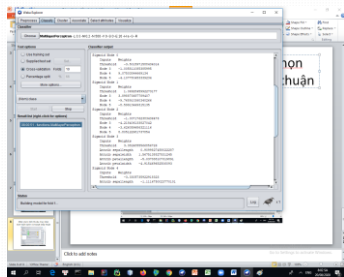
Nhấn start, hiển thị cấu trúc. Chọn start huấn luyện và Accept chấp thuận



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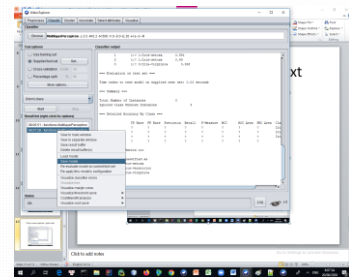
Hiển thị trọng số của các neuron trong mạng NN



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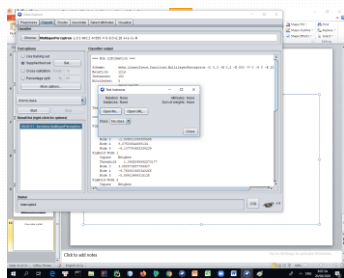
Lưu NN model thành file trên đĩa



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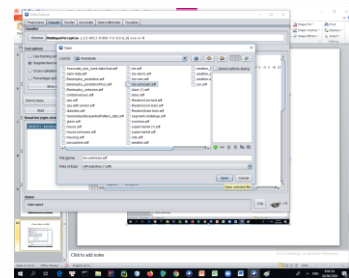
Chọn kiểm tra NN



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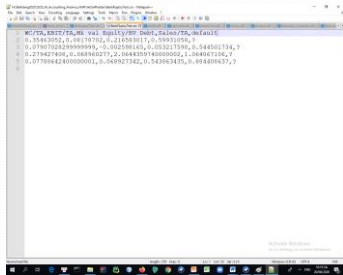
Chọn iris-unknown.arff



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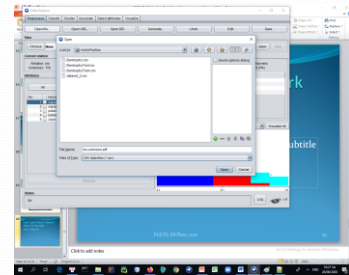
bankruptcyTest.csv



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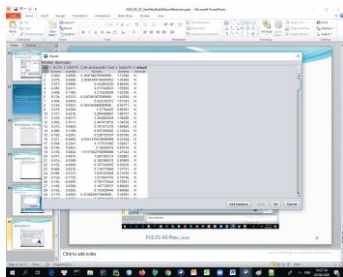
Huấn luyện Neural Network bằng Training data: bankruptcy.csv



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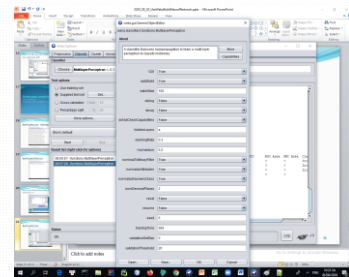
Bankruptcy.csv



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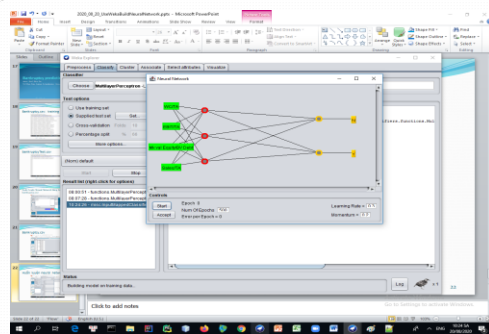
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Huấn luyện neural network



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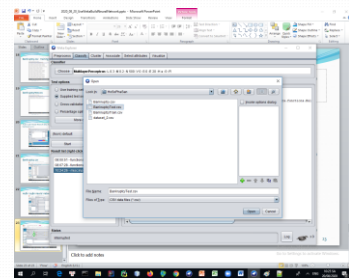
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Test Neural network



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