

SVM vs. NNS

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Data set

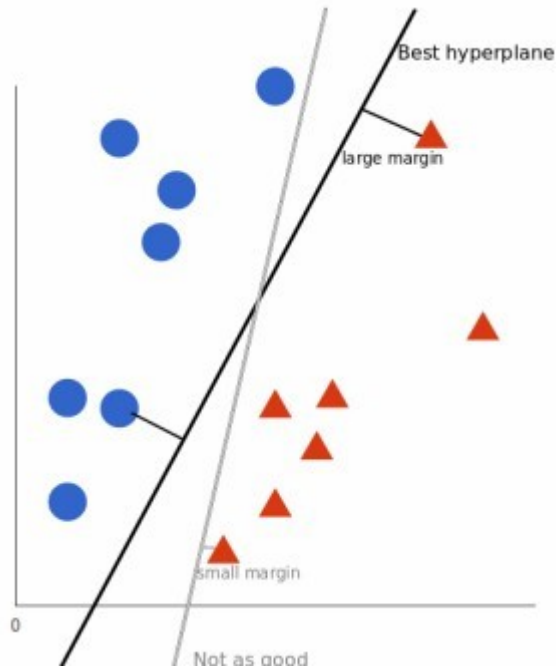


- 50k elementi
- 9 attributi (8 + 1)
- 0 = edibile, 1 = velenoso

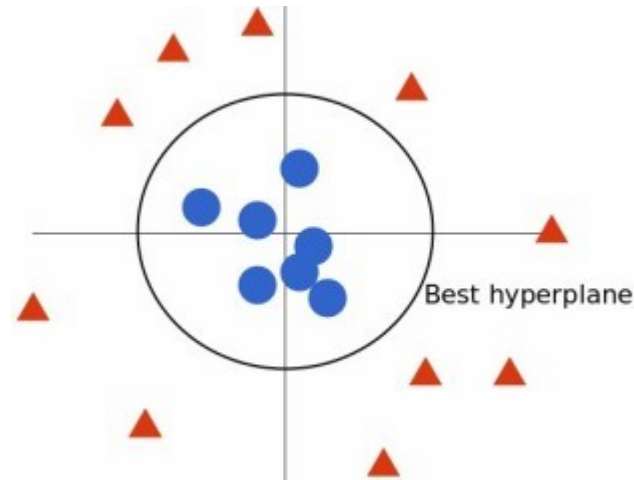
<https://www.kaggle.com/datasets/prishasawhney/mushroom-dataset>

SVM (Support Vector Machines)

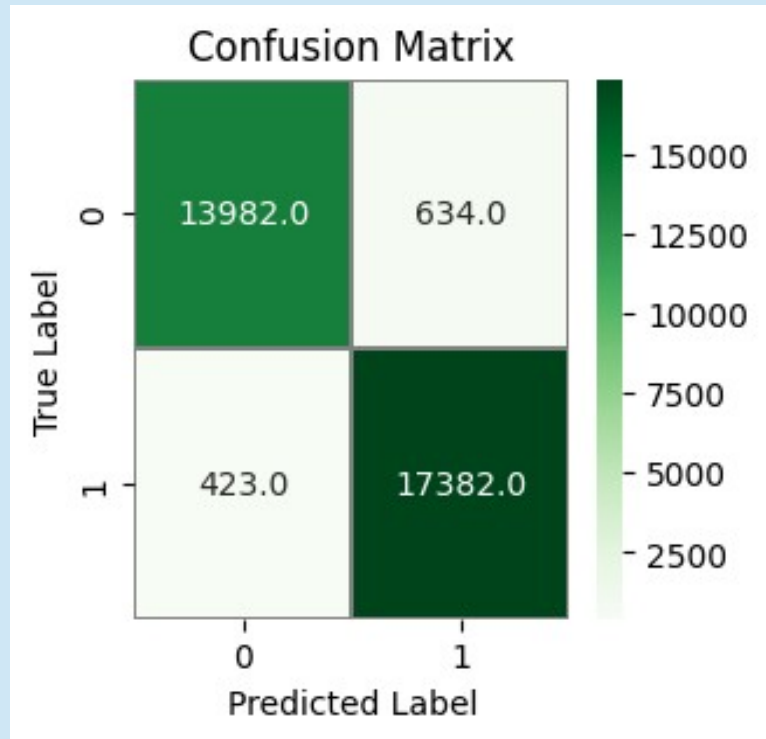
Dati lineari



Dati non lineari



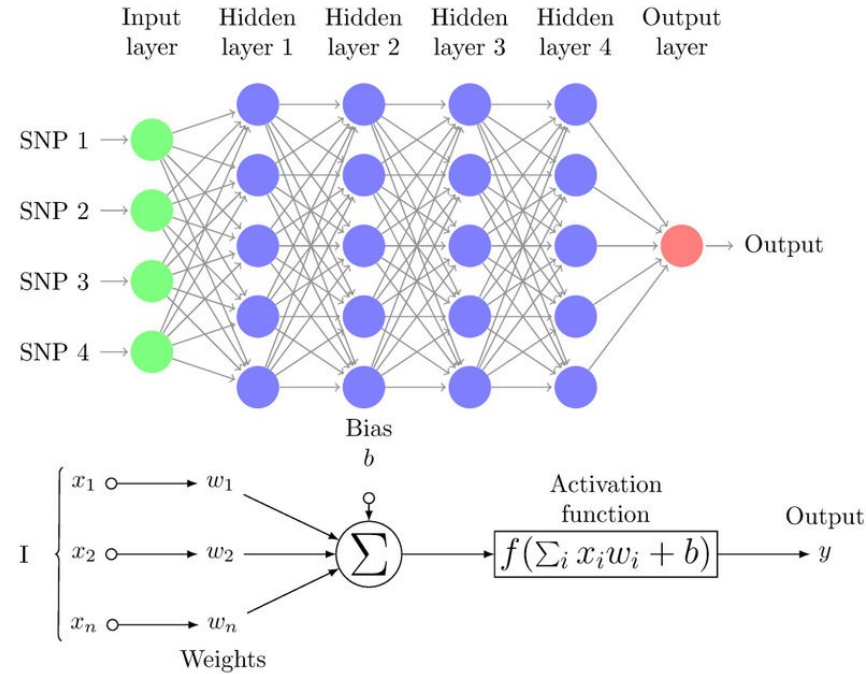
Valutazione SVM



Loss: 3.3%

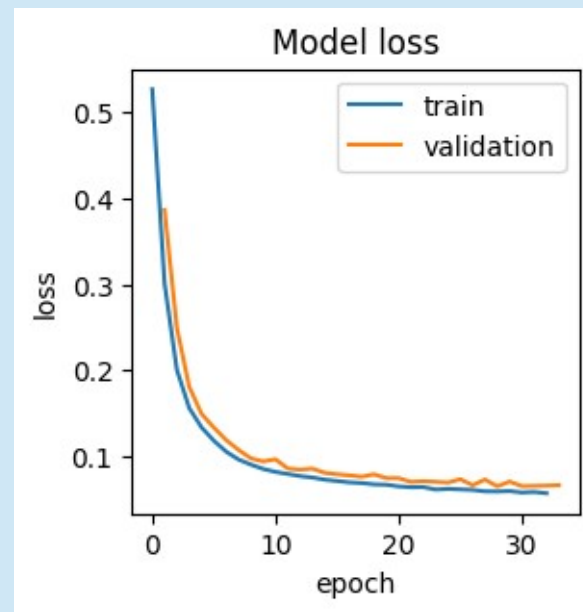
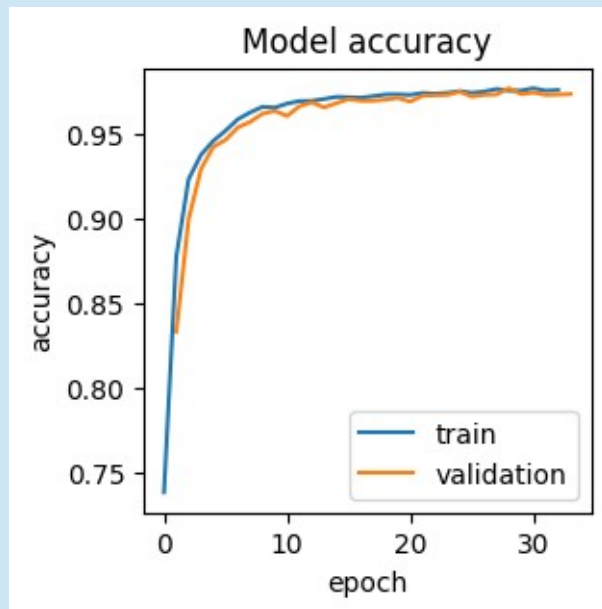
Accuracy: 96.7%

NNs (Neural Networks)

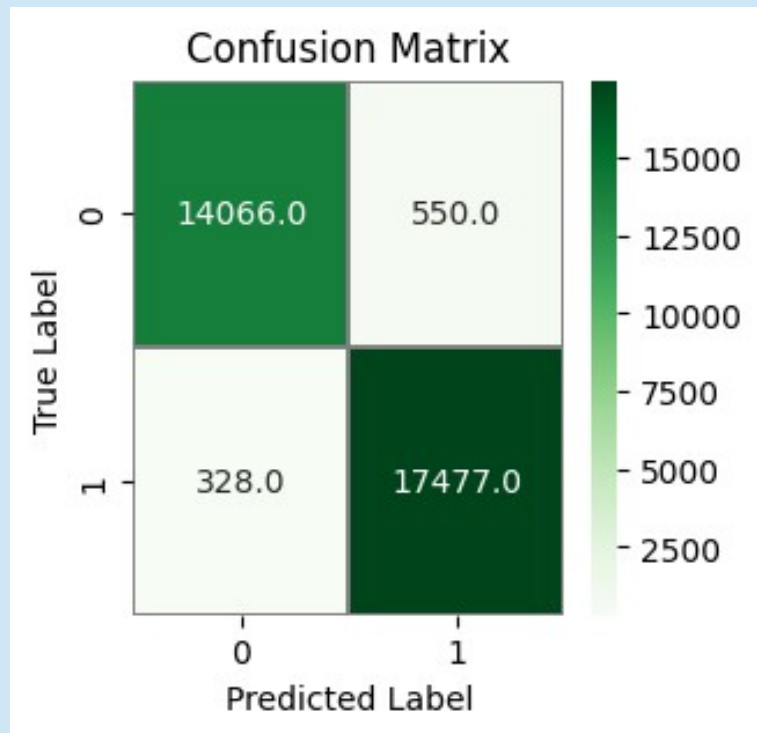


<https://www.vroque.co/post/the-structure-of-a-multilayer-perceptron-neural-netwo-vroque-co>

Valutazione NNs



Valutazione NNs



Loss: 6.6%

Accuracy: 97.3%

Grazie per l'attenzione.