

To run Neural Networks in R, Terna's proposal is that of using

library(nnet)

If lacking, use
`install.packages(nnet)`

`help(nnet)`
gives basic information

Follow the link to *optim*, to know more about the optimization method used

in *nnet*

[Method "BFGS" is a quasi-Newton method (also known as a variable metric algorithm), specifically that published simultaneously in 1970 by Broyden, Fletcher, Goldfarb and Shanno. This uses function values and gradients to build up a picture of the surface to be optimized.]

Follow also the link to *predict.nnet*

`predict.nnet` can be shortened as *predict*

the type of prediction is related to the class of the first object into the list.