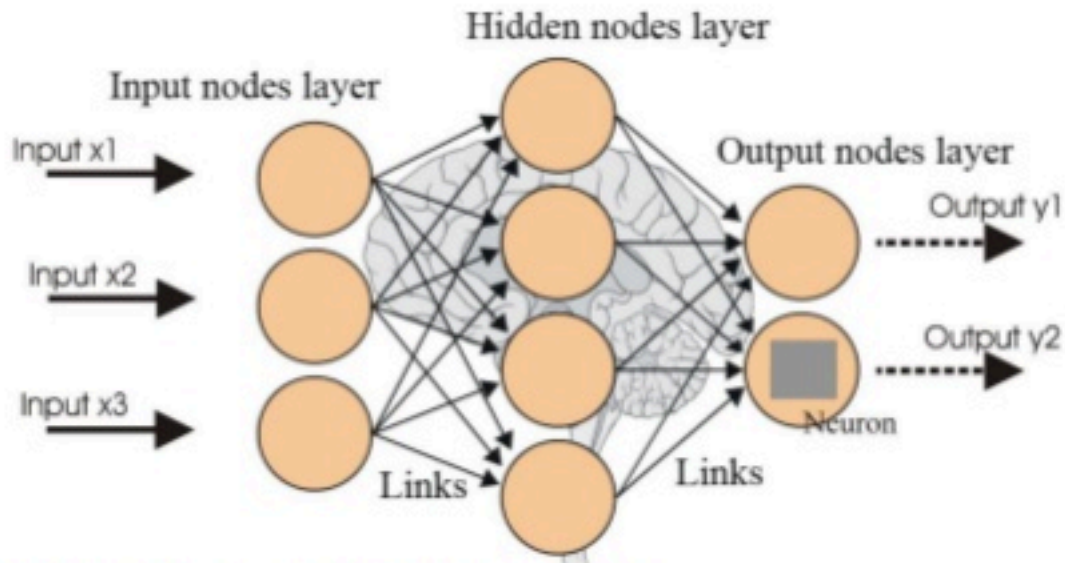


MACHINE

- Supervised learning

- Supervised

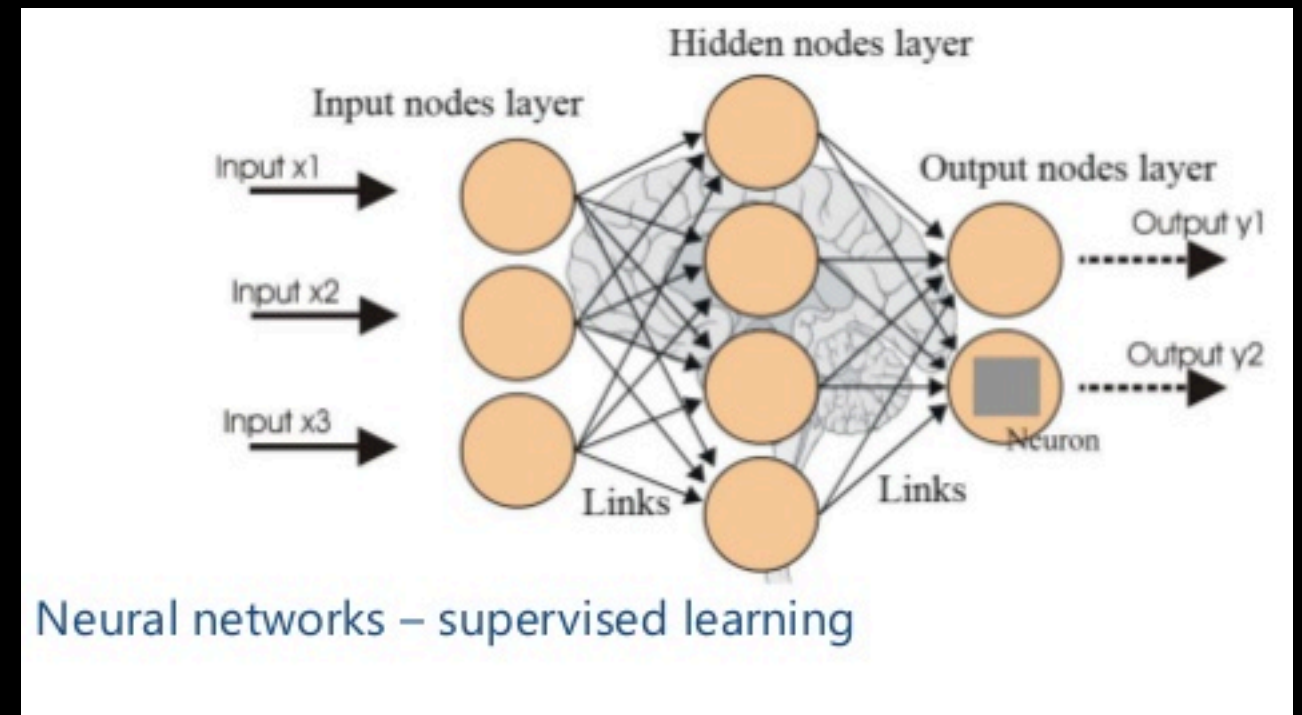




Neural networks – supervised learning

SUPERVISED MACHINE LEARNING

- Supervised learning is where you have input variables (X) and an output variable (Y) and you use an algorithm to learn the mapping function from the input to the output, or how $Y = f(X)$
- “Supervised” because the algorithm learns from a training dataset can, like a teacher supervising a student’s learning process.
- You know which patterns you want to look for so that you can made predictions.



SUPERVISED MACHINE LEARNING EXAMPLES



