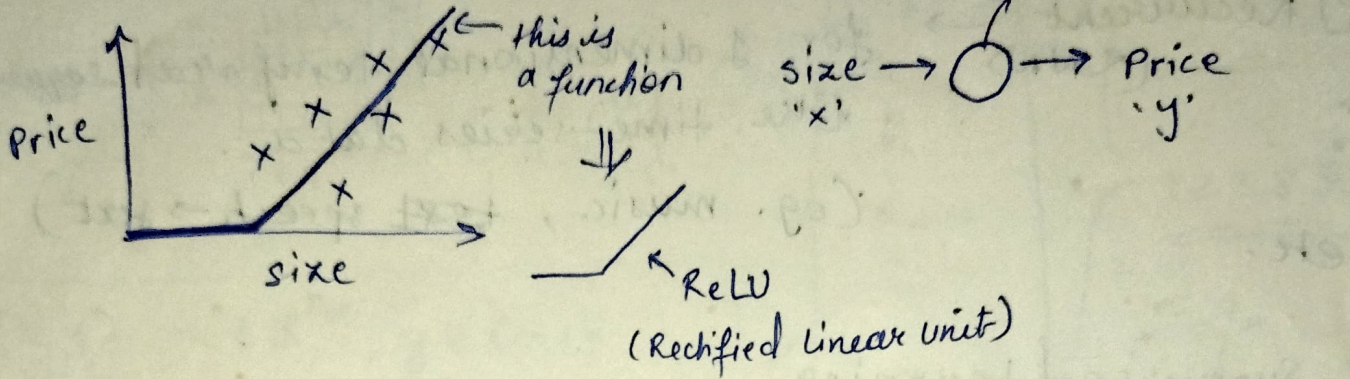


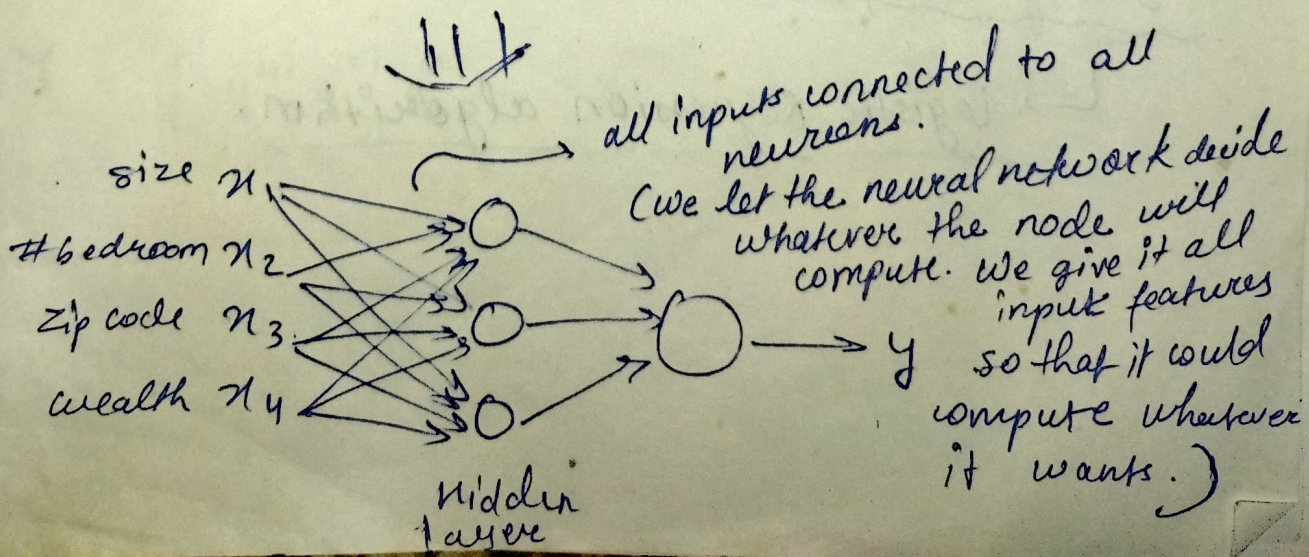
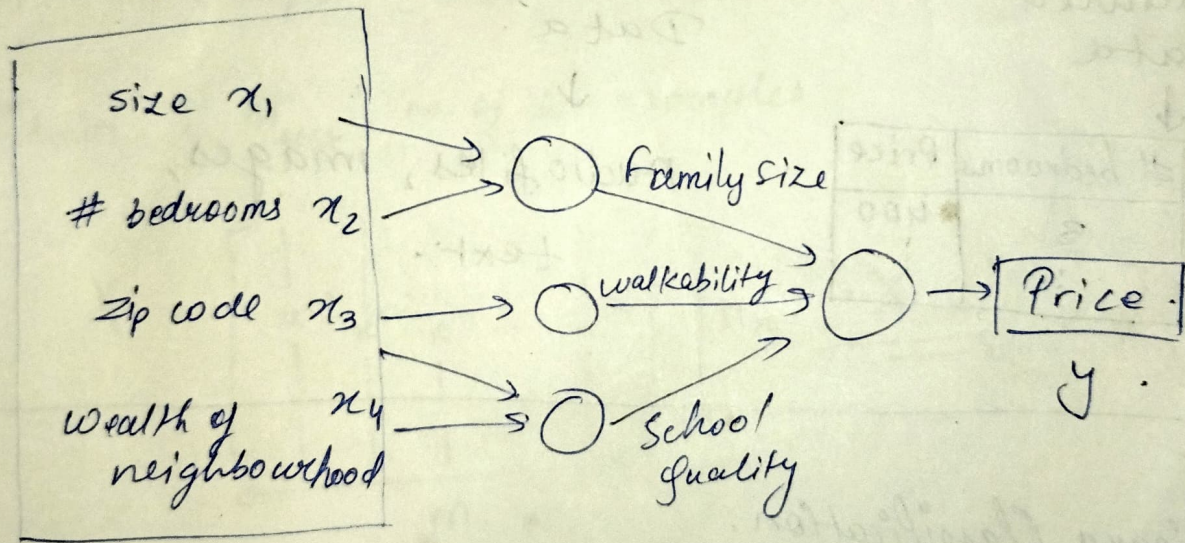
Deep learning - Neural Networks

Simplest neural network:

eg. Housing Price Prediction.



A slightly ^{more} complicated neural network:



• Examples / types of Neural Networks .

- 1) standard NN
 - 2) Convolutional (CNN) → usually for image processing applications .
 - 3) Recurrent (RNN) → for 1 dimensional temporal sequence like time-series data .
(eg. music , ~~text~~ speech → text)
- etc.

• Supervised Learning .

Structured data



Size	# bedrooms	Price
2104	3	400
⋮	⋮	⋮

unstructured Data .



Audio files , images ,
text .