Deep Learning Techniques

(NN)

① ANN $\rightarrow$ Artificial Neural Network

② CNN $\rightarrow$ Convolutional Neural Network

③ RNN $\rightarrow$ Recurrent Neural Network

ANN $\rightarrow$ Tabular Data

x_1	x_2	x_3	OP
–	–	–	T

CNN $\rightarrow$ Image Classification

$\rightarrow$ Object Detection

RNN $\rightarrow$ Inputs $\rightarrow$ TEXT and $\left[\begin{array}{l}\text{Time Series} \\ \text{Sequencial Data}\end{array}\right.$

$\downarrow$

NLP

Natural Language Processing (Text Data)

Conversion into

Numerical Data Vectors   Word2Vec