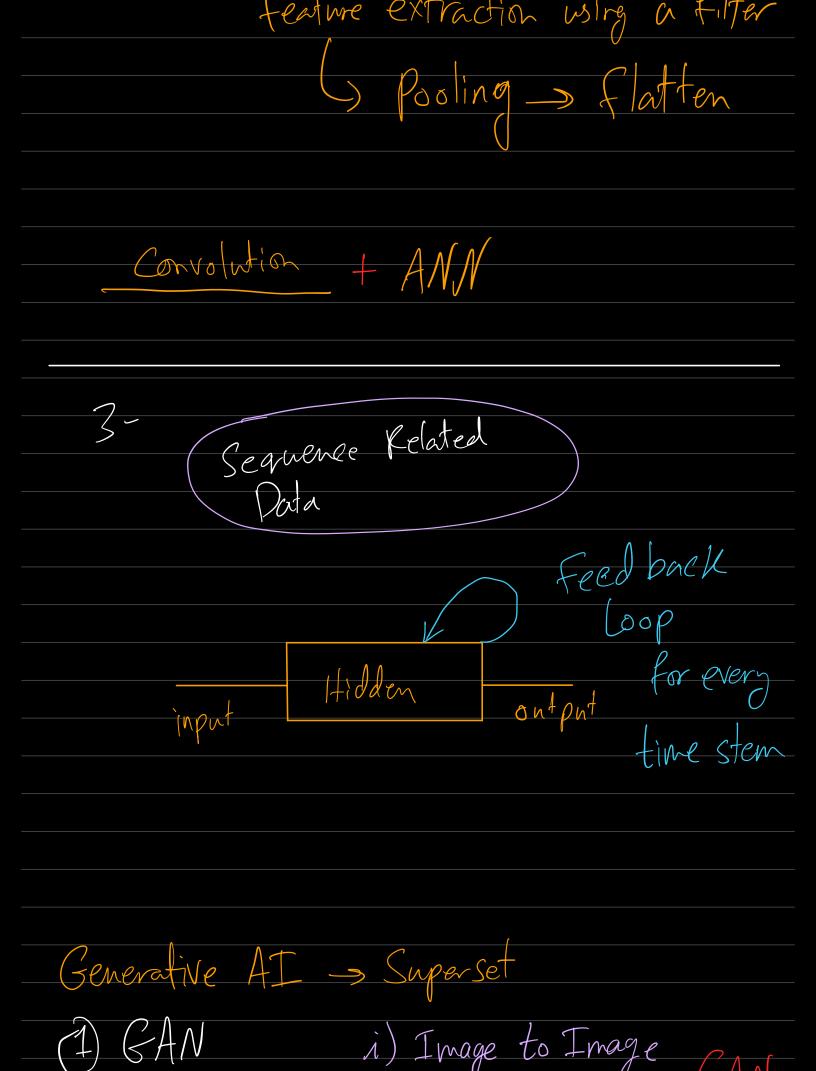
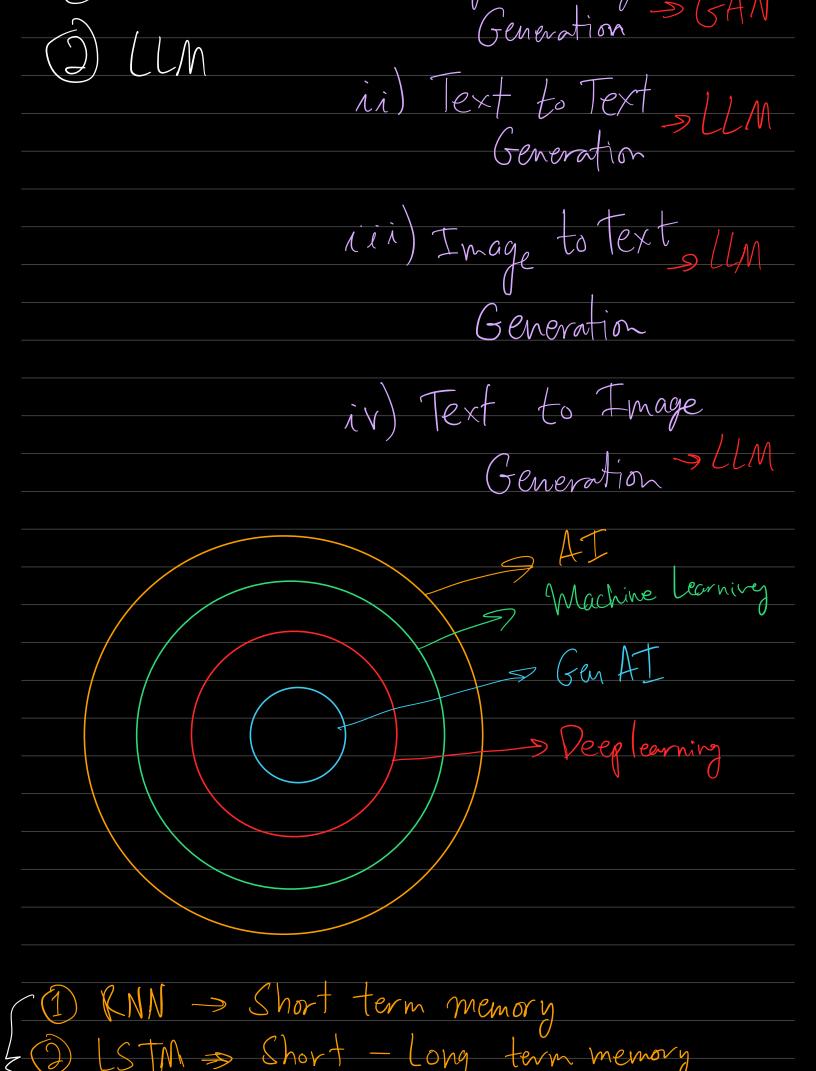
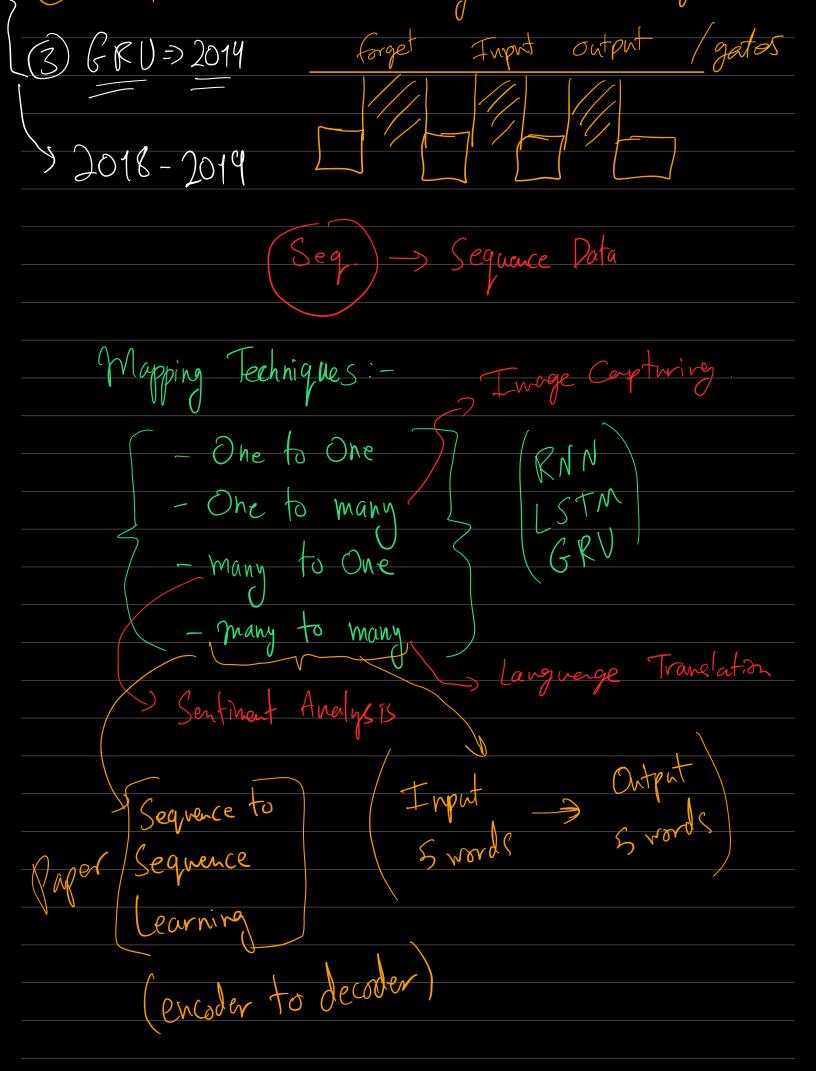
Deep Learning: ANN -> Artifical Neural Networks) CNN -> Convolutioned Newa Networks 3) RNN-) Recurrent Neural Networks (5) GAN Hidden classification Hyperparameter Regression Image type/ Grid type

P.1







RNN, LSTM, GRV Vecoder Encoder Contex (RNN, LSTM, GRU) by wrapping all the information Reading List: > (Attention) Sequence to Sequence Learning / Newal Machine Translation with Attention Attention is all you need! Encoder Decoder S RNN, LSTM, GRU RNN, LSTM, GRU Contex Vector

Attention layer Encoder Output Probabilities Softmax Linear Knowfer Add & Norm Feed Forward Add & Norm Multi-Head Feed Attention Forward $N \times$ Add & Norm $N \times$ Add & Norm Masked Multi-Head Multi-Head Attention Attention Positional Positional Encoding Encoding Output Input Embedding **Embedding** Inputs Outputs (shifted right) Figure 1: The Transformer - model architecture.