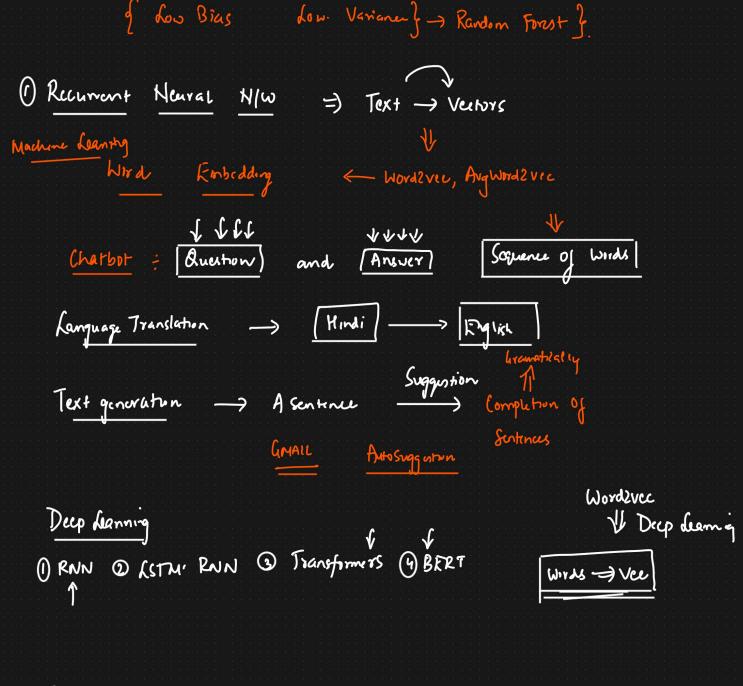
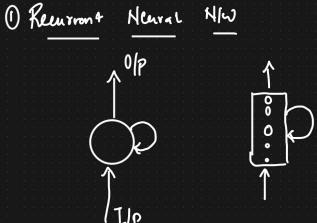
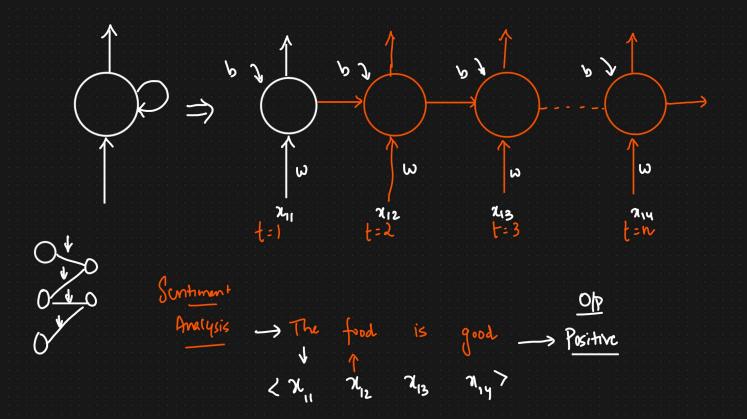
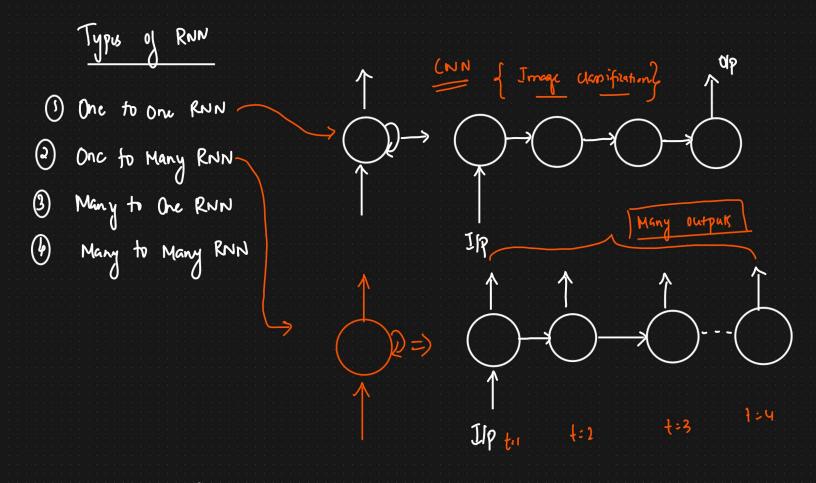
Day 6 - NLP & Recurrent Neural N/w} 1) BOW, TFIDF, Word 2 vec, Any Word 2 vec { Python Practical Implementation } Skip Gram (BOW (2) Deep downing -> 1) RNN (2) LSTM RNN (3) GRU RNN (4) Bidrectional KSTM RNN (5) Enroders - Decoders (6) TRANSFORMERS (7) BERT Itherview Question (1) Train Vs Test Vs Validation -> Datant DATA heakey. TRAINING TEST } -- Model Ever Secs this Model Training TRAINING Yalidation? 810 I Tuning the Model } CROSS - VALIDATION GRIDSEARCHLV RANDOMIZED SEARIN W

DT → { 600 Bias High Nariance}

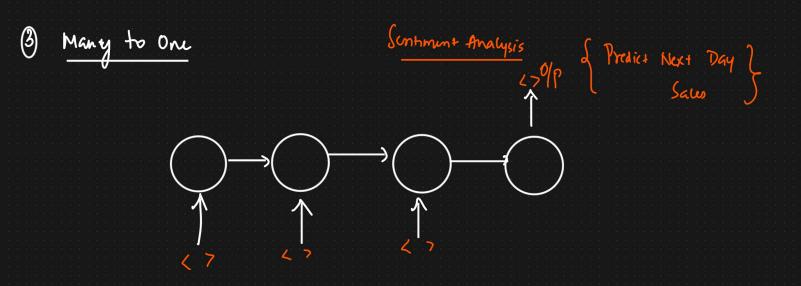


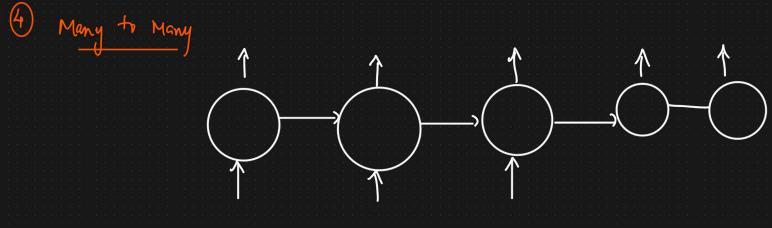






Music honoration, Text Ceneration

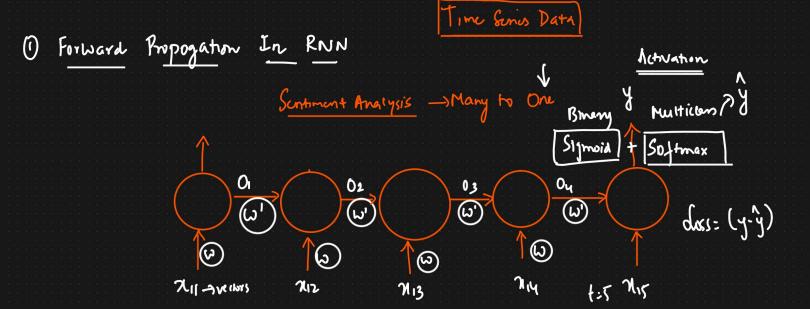




- 1) Language Translation
- 2 Question answers
- 1 (hathor.

S O Forward Propogation }

Backward Propogation }



t=1 t=2 t=3 0/P t=4
$$O_1 = f(x_{11} * \omega)$$

The food is very good Positive. $O_2 = f(x_{12} * \omega + 0_1 * \omega)$
 $a_{11} = a_{12} * a_{13} * a_{14} * a_{15}$
 $o_3 = f(x_{13} * \omega + o_2 * \omega)$