Sequence to Sequence Modelling with RNNs

(Encoder-Decoder Architecture, Attention Mechanism)

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Martine Translation

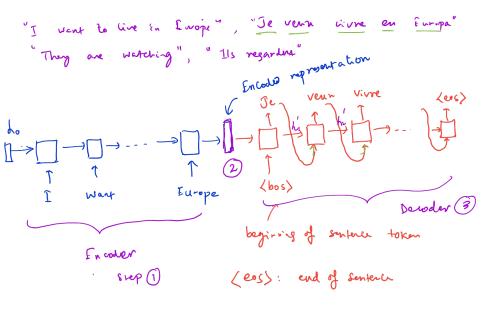
In the last beturn:

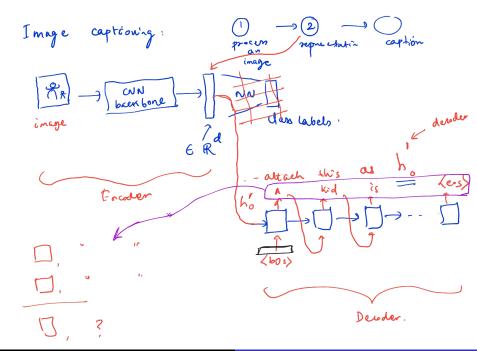
- 1) RNN "cell"
- Vouishing gradientiGRU
 - LS TM

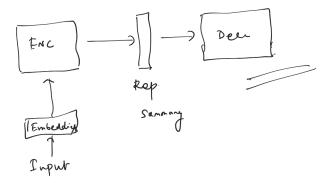
Seg-to-leg Modelling: (Ref: TBI, Andrew Ng's Course) Machine Translation English -> French "I want to live in Europe" > "Te veue vivre en Europe"

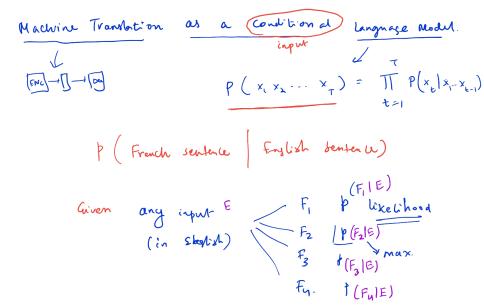
(Summary >> (Frend.)

Construerure a RNN and. to process the eneral representation into J Doesde tangret (output) language.

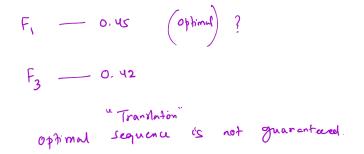


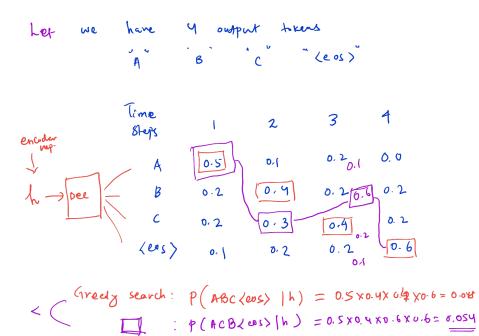


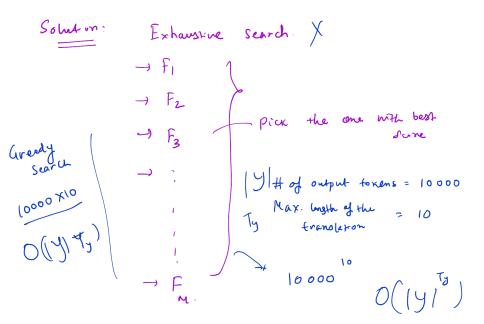


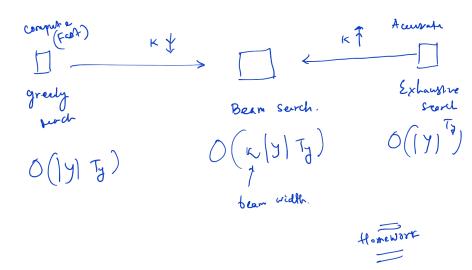


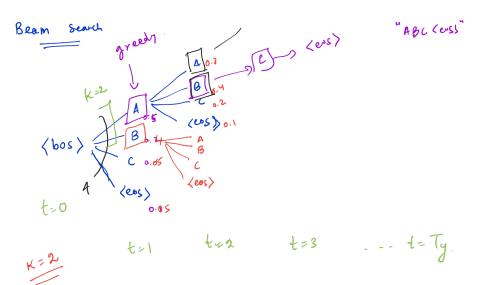
ang max $\beta(y, y_2 - y_{Ty}) \times \beta(y, y_2 - y_{Ty})$ $y, y_2 - y_{Ty}$ English sentence $y, y_2 - y_{Tx}$ arg max $b (F_i | X)$: Greely search -> I dea: most likely

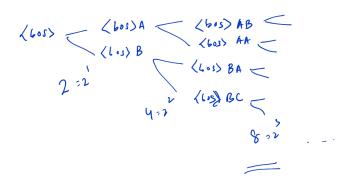












ls if O(k/y/Ty)?

Home work Read about Boum search & flow
the architectures of the Double will
change to implied
Boom search ??

ATTENTION MECHANISM

Seq 2 seq learing.

2014

Machine translation.

