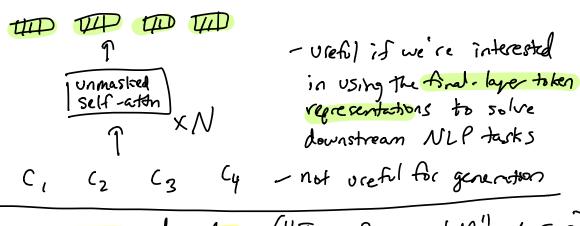
Common types of Transformers:

Transformer encoders (e.g., BERT)

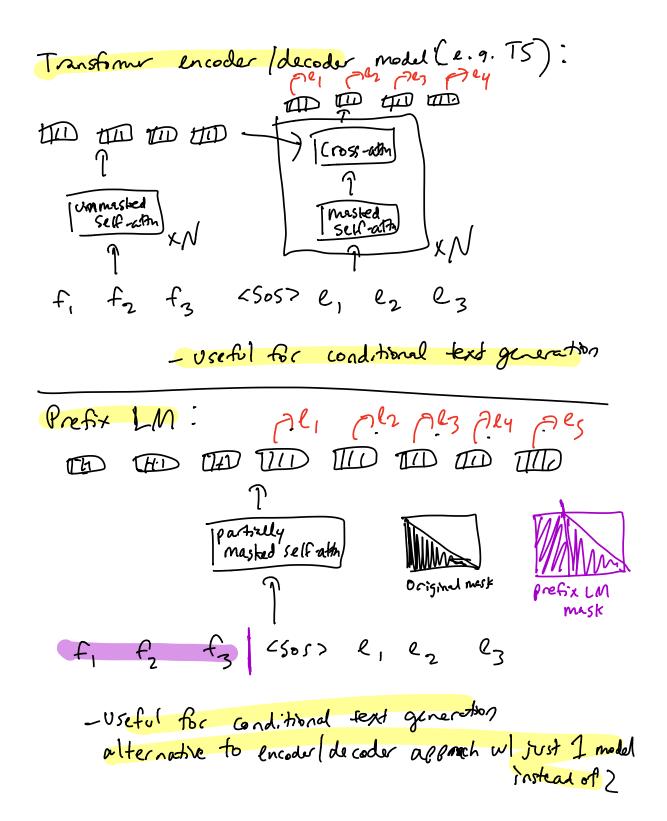


Transformer decoder ("Transforme LM", 6PT-2)

TO TO THE CS

THE TID THE - Useful to trained via trai

- useful to generate text, trained via LM objective



## Using newral LMs for transfer learning!

let's consider sentiment analysis

I predict positive 2013. movie is great

> all params of RNN are trained from Scratch on labelled sentiment about

issues:

- we are forcing the RNN to learn Composition and world knowledge Just From a try labeled dataset

- what if we repurpose a large-scale newal LM to solve this task?

ELMo: embeddings from LM

