Key takeaways from Siraj Raval YouTube video:

Facebook did a research called memory network. LSTM is useful in tech summarization.

Allow a neural network to use an external data structure as memory storage. It learns where to retrieve the required memory from the memory bank in a supervised way.

GRU’s control the flow of data like LSTM cells, but are more computationally efficient. Using just two gates update and reset. Dynamic memory networks offer state of the art performance in question answering system. They do this by using both semantic and episodic memory

Feedforword method

Steps:

1. Download dataset
2. Use tensorflow sequence to sequence model. A sequence to sequence model consists two recurrent neural networks. One RNN is the encoder. Its job is to create t a internal representation of the sentence its given, which we call a context vector. The other RNN is decoder. Given the context vector, using decoder to output the associated words.