Limitation of RNN:-

Main limitation of RNN's is that RNN's can't remember very long sequences, and get into the problem of vanishing gradient.

Vanishing Gradient Problem:-

The gradients of the loss function in neural networks approach 0 when more layers with certain activation functions are added, making the network difficult to train.

Long - Short Term Memory:-

LSTM solve the vanishing gradient problem

How?

It does by ignoring (forgetting) useless information in the network. The LSTM will forget the data if there is no useful information from the other inputs (prior sentence words). When new information come the network determines which information to be overlooked and which to be remembered.