NLP Crash Course

Instructors:

Sudhanshu Kumar:

Having 8+ years of experience in Big data, Data Science and Analytics with product architecture design and delivery. Worked in various product and service based Company. Having an experience of 5+ years in educating people and helping them to make a career transition.

Curriculum:

NLP overview

• NLP overview Preview

• NLP very basic

Word Embedding

• TFIDF

• Word embeddings part-1

• Word embeddings part-2

RNN

• RNN basic

• RNN implementation

LSTM

• LSTM introduction

• GRU

Attention based model

• Encoder-Decoder and Attention mechanism

• Understanding paper "Attention Is All You Need"

Transfer learning in NLP

• GPT and BERT Model Preview

• SOTA model with paper discussion

• ALBERT & DistilBERT project discussion Preview

Project

• Megatron project

• Brand measures project