Classifier

Average/Concatenate

Paragraph Matrix----->

on

Paragraph id   the   cat   sat

Doc2Vec Model

Output Layer
Softmax Classifier

Hidden Layer
Linear Neurons

Input Vector

Probability that the word at a randomly chosen, nearby position is **"abandon"**

... **"ability"**

A '1' in the position corresponding to the word "ants"

... **"able"**

10,000 positions

300 neurons

... **"zone"**

10,000 neurons
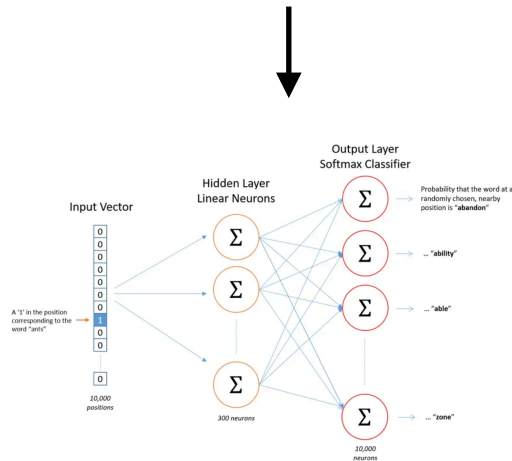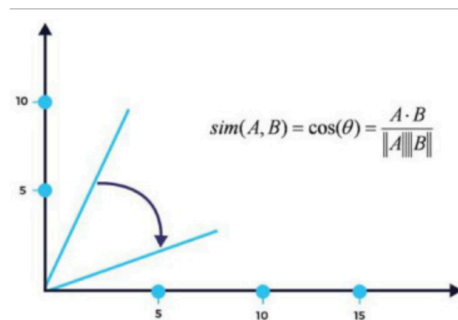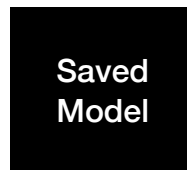
Training the Model on a dataset of approximately 1000 resumes.

Data From Resume

Data from JD

Saved
Model

$$sim(A, B) = \cos(\theta) = \frac{A \cdot B}{\|A\|\|B\|}$$

Cosine Similarity