Session-1

* Word2Vec
  + cosine distance
* Tensor
  + Multi dimension array
* Keras frontend for Tensor
* Deep vs Shallow
  + Deep combinatoric learning vs Shallow is everything
  + More than 3 hidden layer -> Deep learning
  + Automating the feature engineering process
* Inputs **weights and intercept** + activation function (eg sigmoid - Logistic)
* Vanishing gradient problem
  + Different activation function.
* Better for unstructured data with high dimensionality
  + Automating the feature engineering process