**Outline: NLP Questions in Machine Learning**

* 1. **Question 7**

The category may be done using two models; generative and discriminative. Generative classifiers are models which try to classify how data is positioned through the space and rotates around dataset distribution to return a probability.

* 1. **Question 8**

Languages play an essential role in human life as they allow humans to record and transfer information daily. Let us imagine a world without communication how everything would be difficult. Nevertheless, natural language processing is not designed so perfectly to disseminate information as many could imagine

* 1. **Question 9**

Grammar in the context of a natural language parsing system is defined as a rule for establishing sentences that are well structured. Thus, grammar plays an essential role while describing the syntactic structure of well-structured programs.

* 1. **Question 10**

Word embeddings in Natural Language Processing represent words that allow words to make similar meanings to exhibit equal representation. Typically, this occurs in real-treasured vectors that translate close related words to get similar denotation. Word embeddings in Natural language processing are used in analysing survey responses