**Instal these libraries:**

* os
* pickle
* pandas
* numpy
* graphviz
* pydot
* tensorflow
* tqdm
* VGG16
* load\_img
* img\_to\_array
* Tokenizer
* pad\_sequences
* to\_categorical
* plot\_model
* Model
* Input
* Dense
* LSTM
* Embedding
* Dropout
* add
* Image
* BytesIO
* gc
* matplotlib

**NOTE**: Prefer to run this code on atleast 16GB RAM or atleast 4GB GPU.