In [1]:

```
from numpy import array
from numpy import asarray
from numpy import zeros
from keras.preprocessing.text import Tokenizer
from keras.preprocessing.sequence import pad sequences
from keras.models import Sequential
from keras.layers import Dense
from keras.layers import Flatten
from keras.layers import Embedding
from keras.layers import Input, Embedding, LSTM, Dense, concatenate, Dropout
from keras.models import Model
import pandas as pd
import numpy as np
import pickle
from tqdm import tqdm
import os
from IPython.core.display import display, HTML
display(HTML("<style>.container { width:100% !important; }</style>"))
```

Using TensorFlow backend.

In [2]:

```
data=pd.read_csv("fully_processed_data.csv", nrows=1000)
data.head(2)
```

Out[2]:

0 0 in mrs grades_prek_2 0 1 1 fl mr grades_6_8 7	ı	Unnamed: 0	school_state	teacher_prefix	project_grade_category	teacher_number_of_previously_posted_projects pi	ro.
1 1 fl mr grades_6_8 7	0	0	in	mrs	grades_prek_2	0	
	1	1	fl	mr	grades_6_8	7	

Total Text Data

In [3]:

```
docs_essay=list(data.essay.values)
labels=np.array(data.project_is_approved.values)
```

In [4]:

```
#Prepare tokenizer
tokens = Tokenizer()
tokens.fit_on_texts(docs_essay)
vocab_size = len(tokens.word_index) + 1
#Integer encode the documents
encoded_docs_essay = tokens.texts_to_sequences(docs_essay)
#print(encoded_docs)
print(vocab_size)
```

9049

```
In [5]:
max_len=0
all lengths=[]
for sent in docs_essay:
    length=len(sent.split())
    all_lengths.append(length)
print(max(all_lengths))
303
In [6]:
# pad documents to a max length of 4 words
max_length = max(all_lengths)
padded_docs_essay = pad_sequences(encoded_docs_essay, maxlen=max_length, padding='post')
print(padded_docs_essay)
              45 ...
         84
                                   01
    1
                             0
     1 1384
                        0
                             0
               2 ...
                                   01
 [ 590 5400
               5 ...
                        0
                             0
                                   0]
    76 610 115 ...
                        0
                             0
                                   0]
          3 835 ...
                             0
                                   01
     1
                        0
 [1550 5387 1028 ...
                        0
                             0
                                   0]]
In [7]:
#Load the whole embedding into memory
embeddings index = dict()
file = open('glove.6B.300d.txt')
for line in file:
    values = line.split()
    word = values[0]
    coefs = asarray(values[1:], dtype='float32')
    embeddings_index[word] = coefs
file.close()
print('Loaded %s word vectors.' % len(embeddings index))
#Create a weight matrix for words in training docs
embedding_matrix = zeros((vocab_size, 300))
for word, i in tqdm(tokens.word_index.items()):
    embedding_vector = embeddings_index.get(word)
    if embedding vector is not None:
        embedding_matrix[i] = embedding_vector #embedding_matrix.shape: (9049, 300)
print(len(embedding_matrix))
print(len(embedding matrix[0]))
             9048/9048 [00:00<00:00, 270988.64it/s]
Loaded 400000 word vectors.
9049
300
In [8]:
#Get the flattened LSTM output for input text
input_layer1 = Input(shape=(max_length,))
embedding = Embedding(input dim=vocab size, output dim=300, weights=[embedding matrix], input length=max length,
trainable=False)(input_layer1)
lstm out = LSTM(32, return sequences=True)(embedding)
```

```
flatten lstm out = Flatten()(lstm out)
```

WARNING:tensorflow:From /root/anaconda3/lib/python3.7/site-packages/tensorflow/python/framework/op_d ef_library.py:263: colocate_with (from tensorflow.python.framework.ops) is deprecated and will be re moved in a future version. Instructions for updating: Colocations handled automatically by placer.

Categorical data: school_state

```
In [9]:
```

```
docs school state=list(data.school state.values)
```

```
In [10]:
#Prepare tokenizer
tokens = Tokenizer()
tokens.fit_on_texts(docs_school_state)
vocab_size = len(tokens.word_index) + 1
#Integer encode the documents
encoded docs school state = tokens.texts to sequences(docs school state)
#print(encoded docs)
print(vocab size)
49
In [11]:
max len=0
all_lengths=[]
for sent in docs school state:
    length=len(sent.split())
    all lengths.append(length)
print(max(all_lengths))
1
```

In [48]:

```
# pad documents to a max length of 4 words
max_length = max(all_lengths)
padded_docs_school_state = pad_sequences(encoded_docs_school_state, maxlen=max_length, padding='post')
#print(padded_docs_school_state)
```

In [13]:

```
#Get the flattened LSTM output for input text
input_layer2 = Input(shape=(max_length,))
embedding = Embedding(input_dim=vocab_size, output_dim=5, input_length=max_length, trainable=True)(input_layer2)
flatten_school_state = Flatten()(embedding)
```

Categorical data: project grade category

In [14]:

```
docs_project_grade_category=list(data.project_grade_category.values)
```

In [15]:

```
#Prepare tokenizer
tokens = Tokenizer()
tokens.fit_on_texts(docs_project_grade_category)
vocab_size = len(tokens.word_index) + 1
#Integer encode the documents
encoded_docs_project_grade_category = tokens.texts_to_sequences(docs_project_grade_category)
#print(encoded_docs)
print(vocab_size)
```

10

In [47]:

```
#encoded_docs_project_grade_category
```

In [17]:

```
max_len=0
all_lengths=[]
for sent in encoded_docs_project_grade_category:
    length=len(sent)
    all_lengths.append(length)
print(max(all_lengths))
```

```
# pad documents to a max length of 4 words
max_length = max(all_lengths)
padded_docs_project_grade_category = pad_sequences(encoded_docs_project_grade_category, maxlen=max_length, paddin
g='post')
print(padded_docs_project_grade_category)
[[1 2 3]
[1 6 7]
 [1 6 7]
 [1 2 3]
 [1 2 3]
 [1 2 3]]
In [19]:
#Get the flattened LSTM output for input text
input layer3 = Input(shape=(max length,))
\label{lem:embedding} \mbox{embedding(input\_dim=vocab\_size, output\_dim=5, input\_length=max\_length, trainable=$True$)(input\_layer3)$ \\
flatten project grade category = Flatten()(embedding)
Categorical data: clean_categories
In [20]:
docs clean categories=list(data.clean categories.values)
In [21]:
#Prepare tokenizer
tokens = Tokenizer()
tokens.fit on texts(docs clean categories)
vocab_size = len(tokens.word_index) + 1
#Integer encode the documents
encoded_docs_clean_categories = tokens.texts_to_sequences(docs_clean_categories)
#print(encoded docs)
print(vocab size)
16
In [46]:
#encoded_docs_clean_categories
In [23]:
max len=0
all lengths=[]
for sent in encoded docs clean categories:
    length=len(sent)
    all lengths.append(length)
print(max(all_lengths))
In [24]:
# pad documents to a max length of 4 words
max_length = max(all_lengths)
padded_docs_clean_categories = pad_sequences(encoded_docs_clean_categories, maxlen=max_length, padding='post')
print(padded_docs_clean_categories)
[[1 2 0 0 0]
 [11 12 5 6 0]
        0
           0
 [ 5
     6
               0]
 [ 1
     2
        7
           0
               0]
  1
     2
           4
        3
               01
      2
           0
               0]]
 [ 1
In [25]:
#Get the flattened LSTM output for input text
input layer4 = Input(shape=(max length,))
embedding = Embedding(input dim=vocab size, output dim=5, input length=max length, trainable=True)(input layer4)
flatten clean categories = Flatten()(embedding)
```

In [18]:

Categorical data: clean_subcategories

```
In [26]:
docs_clean_subcategories=list(data.clean_subcategories.values)
In [27]:
#Prepare tokenizer
tokens = Tokenizer()
tokens.fit on texts(docs clean subcategories)
vocab_size = len(tokens.word_index) + 1
#Integer encode the documents
encoded_docs_clean_subcategories = tokens.texts_to_sequences(docs_clean_subcategories)
#print(encoded docs)
print(vocab size)
38
In [45]:
#encoded_docs_clean_subcategories
In [29]:
max len=0
all lengths=[]
for sent in encoded docs clean subcategories:
    length=len(sent)
    all lengths.append(length)
print(max(all_lengths))
In [30]:
# pad documents to a max length of 4 words
max length = max(all lengths)
padded docs clean subcategories = pad sequences(encoded docs clean subcategories, maxlen=max length, padding='pos
t')
print(padded_docs_clean_subcategories)
[[16 1 0 0]
 [30 31 23 0]
 [5 8 23 0]
     6 0
 [ 1
           01
 [ 3 4 2
           0]
 [16 6 0 0]]
In [31]:
#Get the flattened LSTM output for input text
input layer5 = Input(shape=(max length,))
embedding = Embedding(input dim=vocab size, output dim=5, input length=max length, trainable=True)(input layer5)
flatten clean subcategories = Flatten()(embedding)
Categorical data: teacher prefix
In [32]:
docs teacher prefix=list(data.teacher prefix.values)
In [33]:
#Prepare tokenizer
tokens = Tokenizer()
tokens.fit_on_texts(docs_teacher_prefix)
vocab size = len(tokens.word_index) + 1
#Integer encode the documents
encoded docs teacher prefix = tokens.texts to sequences(docs teacher prefix)
#print(encoded docs)
print(vocab size)
```

```
In [43]:
#encoded_docs_teacher_prefix
```

In [351:

```
max_len=0
all_lengths=[]
for sent in encoded_docs_teacher_prefix:
    length=len(sent)
    all_lengths.append(length)
print(max(all_lengths))
```

In [44]:

```
# pad documents to a max length of 4 words
max_length = max(all_lengths)
padded_docs_teacher_prefix = pad_sequences(encoded_docs_teacher_prefix, maxlen=max_length, padding='post')
#print(padded_docs_teacher_prefix)
```

In [37]:

```
#Get the flattened LSTM output for input text
input_layer6 = Input(shape=(max_length,))
embedding = Embedding(input_dim=vocab_size, output_dim=5, input_length=max_length, trainable=True)(input_layer6)
flatten_teacher_prefix = Flatten()(embedding)
```

teacher_number_of_previously_posted_projects, nrm_price, presence_of_the_numerical_digits

In [38]:

```
teacher_number_of_previously_posted_projects=list(data.teacher_number_of_previously_posted_projects.values)
presence_of_the_numerical_digits=list(data.presence_of_the_numerical_digits.values)
nrm_price=list(data.nrm_price.values)
```

In [39]:

```
numerical_df=data[['teacher_number_of_previously_posted_projects','presence_of_the_numerical_digits','nrm_price']
]
numerical_df.head(5)
```

Out[39]:

teacher_number_of_previously_posted_projects presence_of_the_numerical_digits nrm_price

0	0	0	0.015397
1	7	0	0.029839
2	1	0	0.051628
3	4	0	0.023228
4	1	0	0.006733

In [40]:

```
#Get the dense layer
input_layer7 = Input(shape=(3,))
dense_layer = Dense(3, activation='relu')(input_layer7)
```

Concatenation of all the layers and building the final model

In [41]:

```
x = concatenate([flatten_lstm_out, flatten_school_state, flatten_project_grade_category, flatten_clean_categories
, flatten_clean_subcategories, flatten_teacher_prefix, dense_layer])
x = Dense(64, activation='relu')(x)
x = Dropout(0.3)(x)
x = Dense(64, activation='relu')(x)
x = Dropout(0.3)(x)
x = Dense(64, activation='relu')(x)
output = Dense(1, activation='sigmoid', name='output')(x)
```

WARNING:tensorflow:From /root/anaconda3/lib/python3.7/site-packages/keras/backend/tensorflow_backend .py:3445: calling dropout (from tensorflow.python.ops.nn_ops) with keep_prob is deprecated and will be removed in a future version.

Instructions for updating:

Please use `rate` instead of `keep_prob`. Rate should be set to `rate = 1 - keep_prob`.

In [52]:

Epoch 1/100

```
1000/1000 [====
     ========= - loss: 0.3830
Epoch 2/100
Epoch 3/100
Epoch 4/100
Epoch 5/100
Epoch 6/100
Epoch 7/100
Epoch 8/100
1000/1000 [==:
       Epoch 9/100
1000/1000 [===
       Epoch 10/100
Epoch 11/100
Epoch 12/100
Epoch 13/100
Epoch 14/100
Epoch 15/100
1000/1000 [============== ] - 10s 10ms/step - loss: 5.8046e-04
Epoch 16/100
Epoch 17/100
1000/1000 [==
         :========= ] - 10s 10ms/step - loss: 0.0136
Epoch 18/100
Epoch 19/100
1000/1000 [============= ] - 10s 10ms/step - loss: 4.2130e-04
Epoch 20/100
1000/1000 [============] - 10s 10ms/step - loss: 2.0099e-04
Epoch 21/100
Epoch 22/100
1000/1000 [==
        Fnoch 23/100
1000/1000 [=
        Fnoch 24/100
1000/1000 [===
       Epoch 25/100
1000/1000 [===
      Epoch 26/100
1000/1000 [============== ] - 10s 10ms/step - loss: 1.2809e-04
Epoch 27/100
Epoch 28/100
```

```
Epoch 29/100
1000/1000 [===
       Epoch 30/100
1000/1000 [============= ] - 10s 10ms/step - loss: 3.5896e-05
Epoch 31/100
Epoch 32/100
1000/1000 [===========] - 10s 10ms/step - loss: 3.4467e-04
Epoch 33/100
1000/1000 [============== ] - 10s 10ms/step - loss: 6.0592e-06
Epoch 34/100
Epoch 35/100
1000/1000 [==========] - 10s 10ms/step - loss: 4.5638e-04
Epoch 36/100
1000/1000 [======] - 10s 10ms/step - loss: 5.7558e-05
Epoch 37/100
1000/1000 [=======] - 10s 10ms/step - loss: 2.8163e-05
Epoch 38/100
1000/1000 [============] - 10s 10ms/step - loss: 2.8566e-04
Epoch 39/100
Epoch 40/100
1000/1000 [============] - 10s 10ms/step - loss: 5.1308e-04
Epoch 41/100
Epoch 42/100
1000/1000 [========] - 10s 10ms/step - loss: 8.7524e-04
Epoch 43/100
1000/1000 [=====
         Epoch 44/100
1000/1000 [==
         Epoch 45/100
1000/1000 [==========================] - 10s 10ms/step - loss: 1.7961e-06
Epoch 46/100
Epoch 47/100
Epoch 48/100
Epoch 49/100
1000/1000 [==
         Epoch 50/100
1000/1000 [============== ] - 10s 10ms/step - loss: 2.2915e-05
Epoch 51/100
1000/1000 [=======] - 10s 10ms/step - loss: 1.2581e-06
Epoch 52/100
Epoch 53/100
1000/1000 [============== ] - 10s 10ms/step - loss: 3.8382e-06
Epoch 54/100
1000/1000 [============== ] - 10s 10ms/step - loss: 2.1238e-04
Epoch 55/100
Epoch 56/100
1000/1000 [=============] - 10s 10ms/step - loss: 3.7219e-05
Epoch 57/100
1000/1000 [===
       Epoch 58/100
1000/1000 [=====
         Epoch 59/100
1000/1000 [========] - 10s 10ms/step - loss: 1.7131e-06
Epoch 60/100
1000/1000 [============== ] - 10s 10ms/step - loss: 4.5205e-06
Epoch 61/100
1000/1000 [============= ] - 10s 10ms/step - loss: 7.1023e-07
Epoch 62/100
1000/1000 [============= ] - 10s 10ms/step - loss: 3.4628e-07
Epoch 63/100
Epoch 64/100
1000/1000 [===========] - 10s 10ms/step - loss: 1.5088e-04
Epoch 65/100
Epoch 66/100
1000/1000 [============= ] - 10s 10ms/step - loss: 1.8372e-07
Epoch 67/100
1000/1000 [==
          Epoch 68/100
1000/1000 [============= ] - 10s 10ms/step - loss: 2.3022e-06
Epoch 69/100
```

108 108	Epoch 70/100					
1090/1090	•	-	10s	10ms/step -	loss:	0.0097
Epoch 77/100 1008/1009 1				·		
1009/1000		-	10s	10ms/step -	loss:	0.0012
Foot 73/100 1000			100	10ms /s+on	10001	0 0021
1009/1000		-	105	IUMS/Step -	toss:	0.0021
Epoch 74/100 Emerane 108 10ms/step 10ss: 1.1456e-04 Epoch 75/100 1000/1000 Emerane 10s 10ms/step 10ss: 7.3046e-06 Epoch 75/100 1000/1000 Emerane 10s 10ms/step 10ss: 0.0048 Epoch 75/100 1000/1000 Emerane 10s 10ms/step 10ss: 0.0048 Epoch 75/100 1000/1000 Emerane 10s 10ms/step 10ss: 0.4467e-05 Epoch 73/100 1000/1000 Emerane 10s 10ms/step 10ss: 3.6286e-05 Epoch 73/100 1000/1000 Emerane 10s 10ms/step 10ss: 3.8010e-06 Epoch 83/100 1000/1000 Emerane 10s 10ms/step 10ss: 3.8010e-06 Epoch 83/100 1000/1000 Emerane 10s 10ms/step 10ss: 3.372ae-06 Epoch 83/100 1000/1000 Emerane 10s 10ms/step 10ss: 3.372ae-06 Epoch 83/100 1000/1000 Emerane 10s 10ms/step 10ss: 3.372ae-06 Epoch 83/100 1000/1000 Emerane 10s 10ms/step 10ss: 1.4977e-05 Epoch 83/100 1000/1000 Emerane 10s 10ms/step 10ss: 1.4977e-05 Epoch 83/100 1000/1000 Emerane 10s 10ms/step 10ss: 1.4977e-05 Epoch 83/100 1000/1000 Emerane 10s 10ms/step 10ss: 1.4986e-05 Epoch 83/100 1000/1000 Emerane 10s 10ms/step 10ss: 7.7695e-04 Epoch 83/100 1000/1000 Emerane 10s 10ms/step 10ss: 1.7581e-05 Epoch 83/100 1000/1000 Emerane 10s 10ms/step 10ss: 1.7581e-05 Epoch 83/100 1000/1000 Emerane 10s 10ms/step 10ss: 1.1971e-07 Epoch 93/100 1000/1000 Emerane 10s 10ms/step 10ss: 1.2983e-07 Epoch 93/100 1000/1000 Emerane 10s 10ms/step 10ss: 1.2983e-07 Epoch 93/100 1000/1000 Emerane 10s 10ms/step 10ss: 1.29007e-07 Epoch 93/100 1000/1000 Emerane 10s 10ms/step 10ss: 1.29007e-07 Epoch 93/100 1000/1000 Emerane 10s 10ms/step 10ss: 1.2571e-07 Epoch 93/100 1000/1000 Emerane 10s 10ms/	,	_	10s	10ms/step -	loss:	0.0200
Epoch 75/100 1009/1000 1 1005 1005/step 1 1005 1005/step 1 1005 1006/step 1 1006/ste						
1090/1000	1000/1000 [=======]	-	10s	10ms/step -	loss:	1.1456e-04
Epoch 76/100					_	
1090/1000		-	10s	10ms/step -	loss:	7.3046e-06
Epoch 77/100 1000/1000 1			100	10mc/cton	1000	0 00/18
1080/1090			103	10113/3CEP -	1033.	0.0040
Epoch 78/100 Epoch 79/100 Epoch 83/100 Epoch 93/100 Epoc	•	-	10s	10ms/step -	loss:	6.4467e-05
Epoch 79/100 1000/1000 1	Epoch 78/100			·		
1080/1000 1085/step 1085 3.0810e-06 Epoch 80/100 1080/1000 1080/		-	10s	10ms/step -	loss:	3.6286e-05
Epoch 80/100 1000/1000 1			10-	10mg/gton	1	2 0010- 06
1080/1000		-	105	10ms/step -	LOSS:	3.08100-00
Epoch 81/100 1000/1000 [=================================		_	10s	10ms/step -	loss:	4.2039e-04
Epoch 82/100 1000/1000 [==================================						
108 10ms/step - loss: 3.3723e-06		-	10s	10ms/step -	loss:	8.3117e-04
Epoch 83/100 1000/1000 [==================================					,	2 2722 06
1000/1000 1.4977e-05 1.4977e-06 1.4977e-07 1.49		-	105	10ms/step -	loss:	3.3/23e-06
Epoch 84/100 1000/1000 [==================================		_	10s	10ms/step -	loss:	1.4977e-05
Epoch 85/100 1000/1000 [==================================				203, 5 top		2
1000/1000		-	10s	10ms/step -	loss:	6.7526e-06
Epoch 86/100 1000/1000 [==================================			10	10 / 1	,	4 2000 05
1000/1000		-	105	10ms/step -	loss:	4.28666-05
Epoch 87/100 1000/1000 [==================================	1000/1000 [=======]	_	10s	10ms/step -	loss:	7.7695e-04
Epoch 88/100 1000/1000 [==================================	Epoch 87/100			·		
1000/1000 10		-	10s	10ms/step -	loss:	1.7581e-05
Epoch 89/100 1000/1000 [==================================			100	10mc/c+on	10001	2 16600 06
1000/1000		-	105	Iulis/steb -	1055.	3.10006-00
Epoch 90/100 1000/1000 [==================================	,	-	10s	10ms/step -	loss:	1.1971e-07
Epoch 91/100 1000/1000 [==================================	Epoch 90/100			·		
1000/1000 [==================================		-	10s	10ms/step -	loss:	1.2983e-07
Epoch 92/100 1000/1000 [==================================			100	10mc/cton	1000	7 78740 06
1000/1000 [==================================		-	103	101113/3CEP -	1055.	7.70746-00
1000/1000 [==================================		-	10s	10ms/step -	loss:	2.9007e-07
Epoch 94/100 1000/1000 [==================================				·		
1000/1000 [==================================		-	10s	10ms/step -	loss:	1.8689e-07
Epoch 95/100 1000/1000 [==================================			100	10mc/cton	1000	1 00000 07
1000/1000 [==================================		-	103	101113/3CEP -	1055.	1.90906-07
1000/1000 [========] - 10s 10ms/step - loss: 1.2149e-07 Epoch 97/100 1000/1000 [========] - 10s 10ms/step - loss: 1.2571e-07 Epoch 98/100 1000/1000 [=========] - 10s 10ms/step - loss: 1.2571e-07 Epoch 99/100 1000/1000 [========] - 10s 10ms/step - loss: 2.5450e-07 Epoch 99/100 1000/1000 [========] - 10s 10ms/step - loss: 1.1602e-07 Epoch 100/100		-	10s	10ms/step -	loss:	2.0246e-07
Epoch 97/100 1000/1000 [==================================	•					
1000/1000 [========] - 10s 10ms/step - loss: 1.2571e-07 Epoch 98/100 1000/1000 [========] - 10s 10ms/step - loss: 2.5450e-07 Epoch 99/100 1000/1000 [=======] - 10s 10ms/step - loss: 2.5450e-07 Epoch 1000/1000 [=======] - 10s 10ms/step - loss: 1.1602e-07 Epoch 1000/100		-	10s	10ms/step -	loss:	1.2149e-07
Epoch 98/100 1000/1000 [==================================	,		10c	10mc/stan -	1000	1 25710-07
1000/1000 [============] - 10s 10ms/step - loss: 2.5450e-07 Epoch 99/100 1000/1000 [============] - 10s 10ms/step - loss: 1.1602e-07 Epoch 100/100		-	102	10113/31ch -	.033.	1.23/16-0/
Epoch 99/100 1000/1000 [==================================	,	-	10s	10ms/step -	loss:	2.5450e-07
Epoch 100/100					_	
!		-	10s	10ms/step -	loss:	1.1602e-07
1000, 1000 [•	_	10c	10ms/sten -	1055.	1 1602e-07
	1000, 1000 []	-	103	10m3/31ch -		1.10020-07

Out[52]:

<keras.callbacks.History at 0x7fc890358780>

```
In [53]:
loss, accuracy = model.evaluate([padded_docs_essay, padded_docs_school_state, padded_docs_project_grade_category,
padded_docs_clean_categories, padded_docs_clean_subcategories, padded_docs_teacher_prefix, numerical_df],
         [labels], verbose=0)
print('Accuracy: %f' % (accuracy*100))
          ______
TypeError
                                        Traceback (most recent call last)
<ipython-input-53-32fdb01b0fa9> in <module>
     1 loss, accuracy = model.evaluate([padded_docs_essay, padded_docs_school_state, padded_docs_pr
oject_grade_category, padded_docs_clean_categories, padded_docs_clean_subcategories, padded_docs_tea
cher_prefix, numerical_df],
     2     [labels], verbose=0)
3 print('Accuracy: %f' % (accuracy*100))
---> 2
TypeError: cannot unpack non-iterable numpy.float64 object
In [49]:
import pdfkit
pdfkit.from file('Test Pad.html', 'Test Pad.pdf')
```

Loading page (1/2) Warning: Failed to load file:///mnt/0AD801EDD801D7B9/Donors Assignment/LSTM-for-Donors/custom.css (i gnore) Printing pages (2/2) Done

Out[49]:

True