

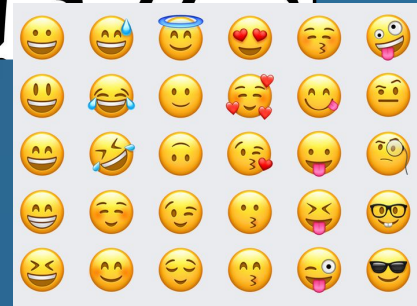
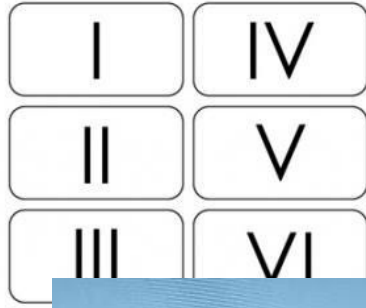
Outline

- Introduction
- Preprocessing The Data
- Embedding layer
- Deep Learning Models
- Summary

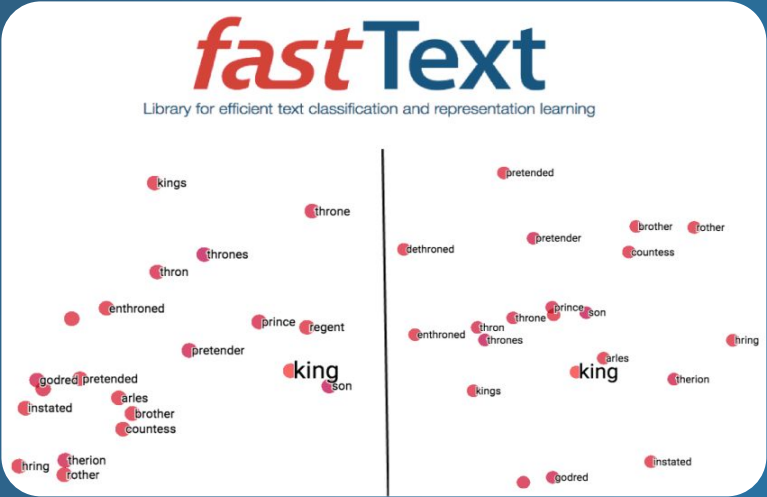
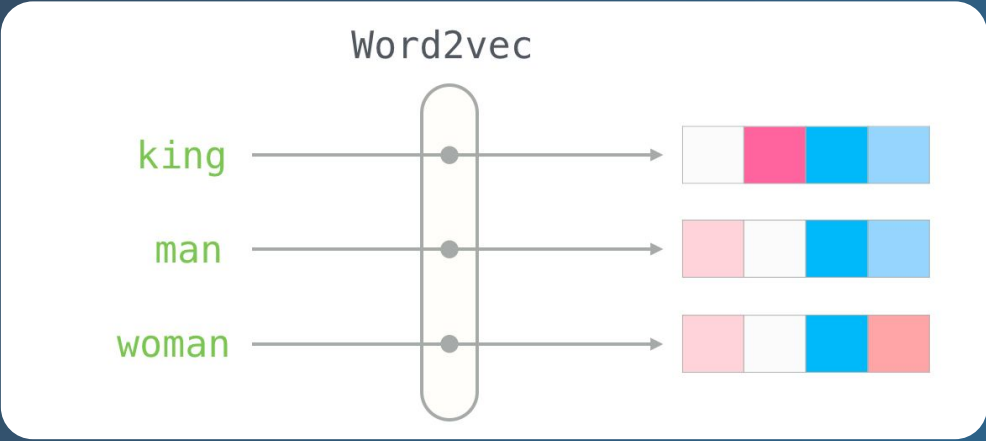
Introduction

- Aim of the project
- Describing the dataset
- The produced results

Preprocessing The Data

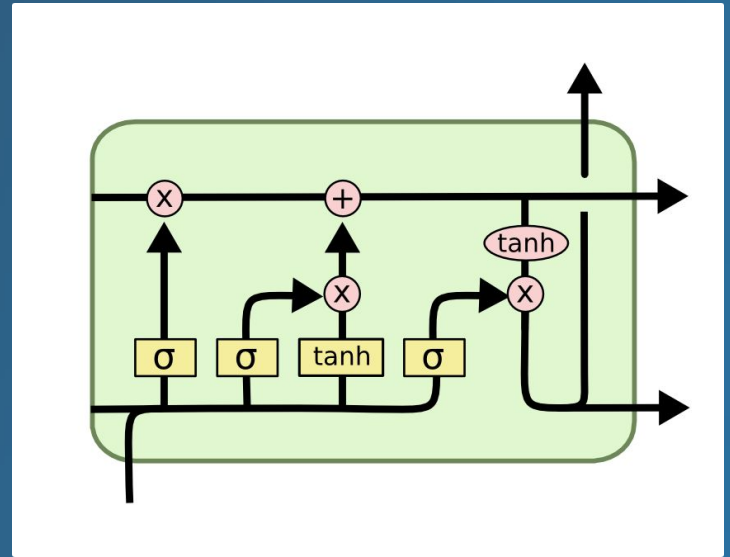


Embedding Layer



LSTM

- Predicting the success of kickstarter projects.
- Predicting the amount of money pledged for kickstarter projects.



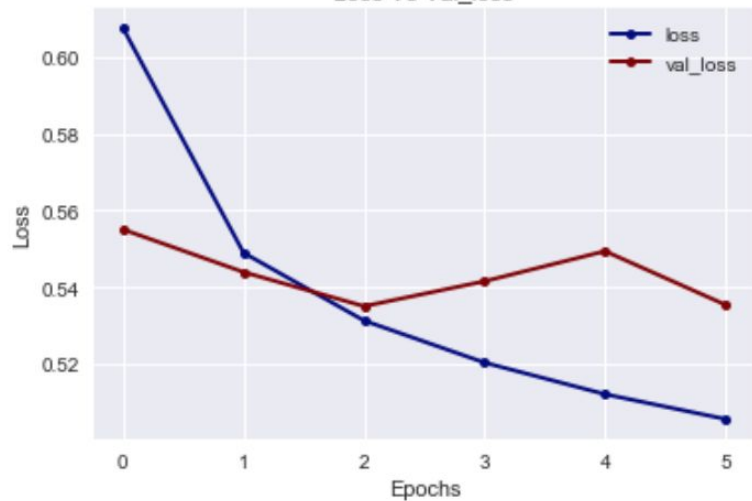
LSTM

Predict the success of kickstarter projects

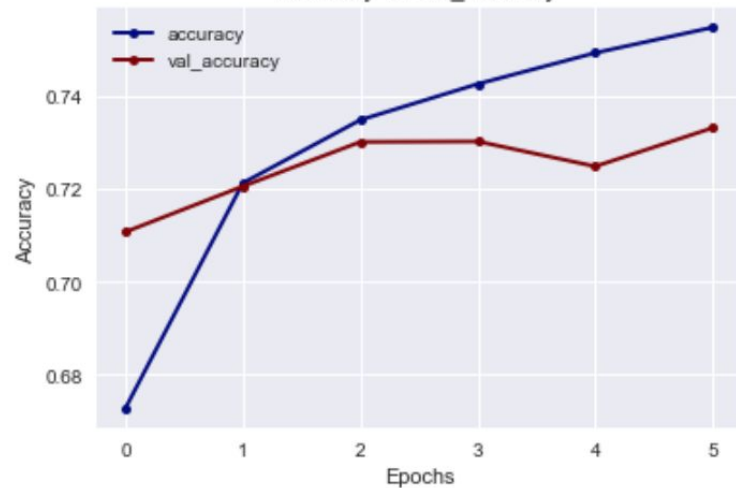
Keras Embeddings



Loss Vs Val_loss



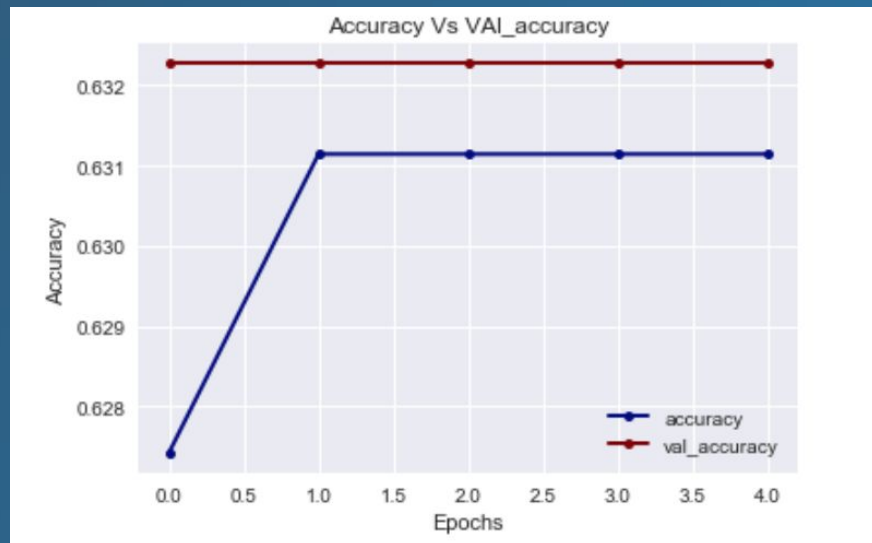
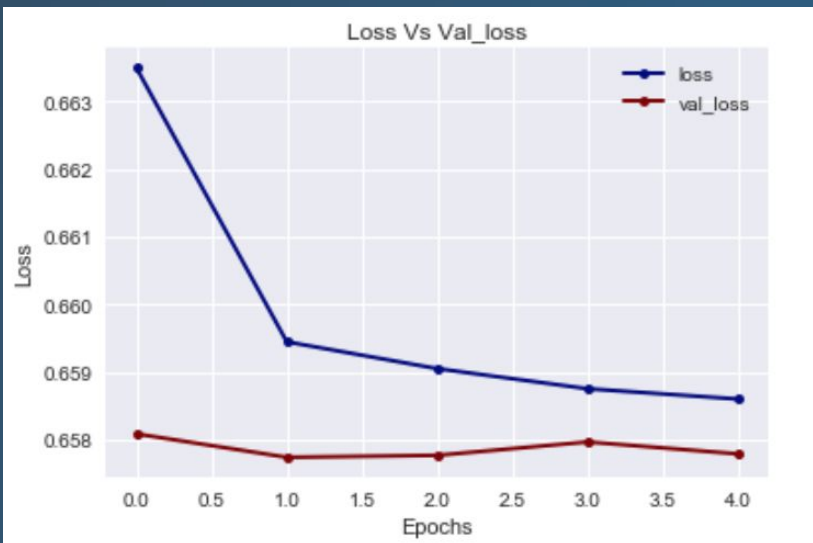
Accuracy Vs VAI_accuracy



LSTM

Predict the success of kickstarter projects

Word2Vec Embeddings



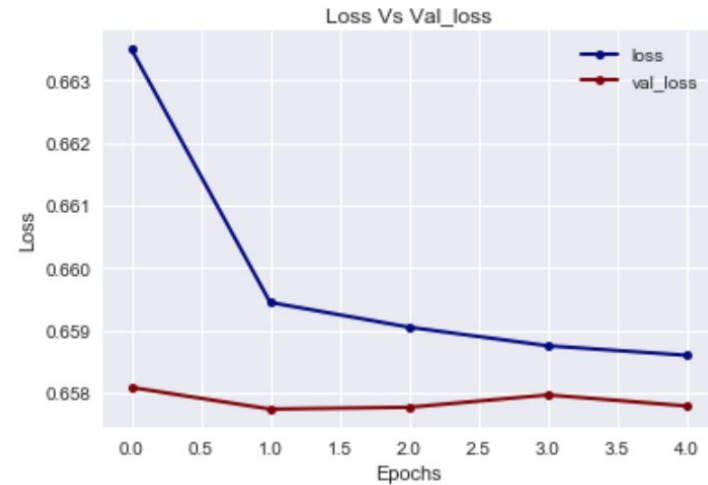
LSTM

Predict the success of kickstarter projects

FastText Embeddings



	loss	accuracy	val_loss	val_accuracy
0	0.656097	0.643612	0.666953	0.649207
1	0.649025	0.655658	0.658754	0.649207
2	0.645648	0.656806	0.654940	0.649207
3	0.646086	0.657052	0.652490	0.649207
4	0.645014	0.657297	0.650175	0.649207
5	0.643781	0.656970	0.650198	0.649207
6	0.582406	0.703761	0.583588	0.701587
7	0.499146	0.771614	0.588228	0.703116
8	0.452726	0.800131	0.607396	0.701587
9	0.408170	0.827338	0.632725	0.699675



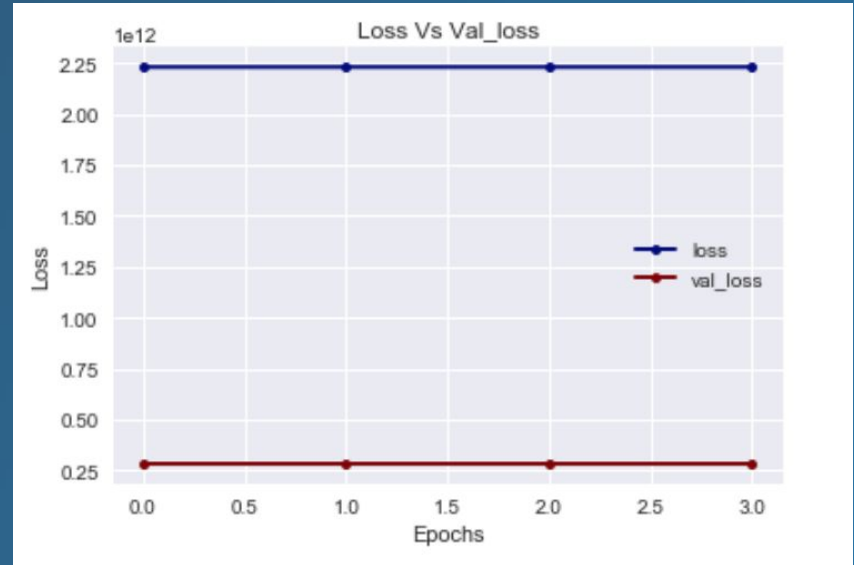
LSTM

Predict the money pledged for kickstarter projects



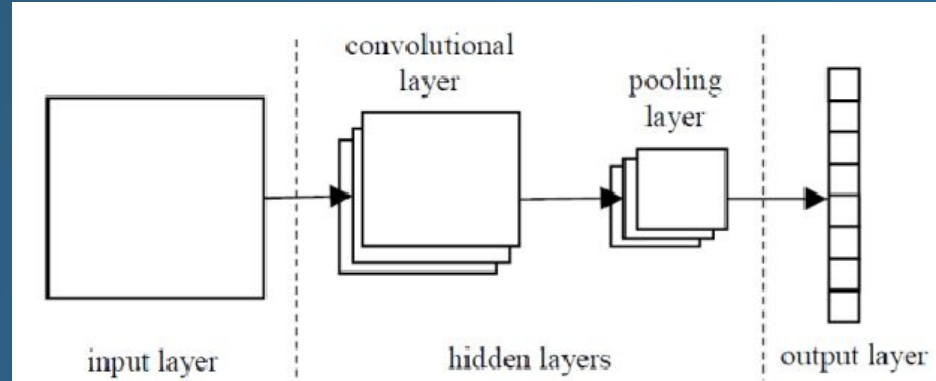
Keras Embeddings

	loss	mse	val_loss	val_mse
0	2.230456e+12	2.230456e+12	2.838051e+11	2.838051e+11
1	2.230470e+12	2.230470e+12	2.838051e+11	2.838051e+11
2	2.230478e+12	2.230478e+12	2.838051e+11	2.838051e+11
3	2.230480e+12	2.230480e+12	2.838051e+11	2.838051e+11



CNN

- Predicting the success of kickstarter projects.
- Predicting the amount of money pledged for kickstarter projects.



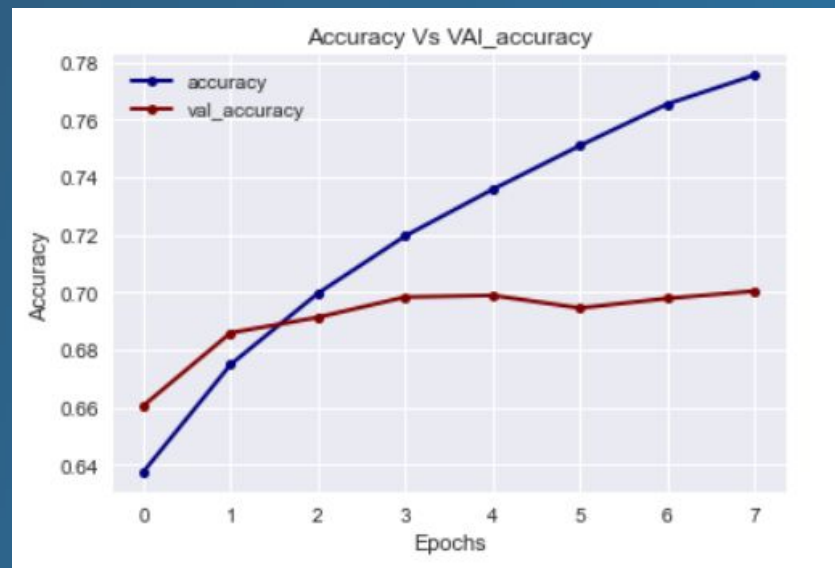
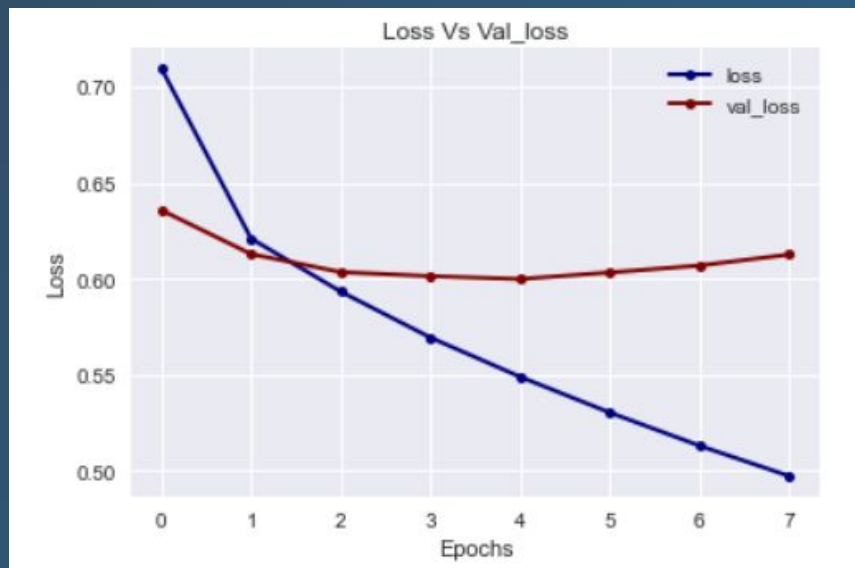
CNN

Predict the success of kickstarter projects

Keras Embeddings

← FAILURE

SUCCESS →



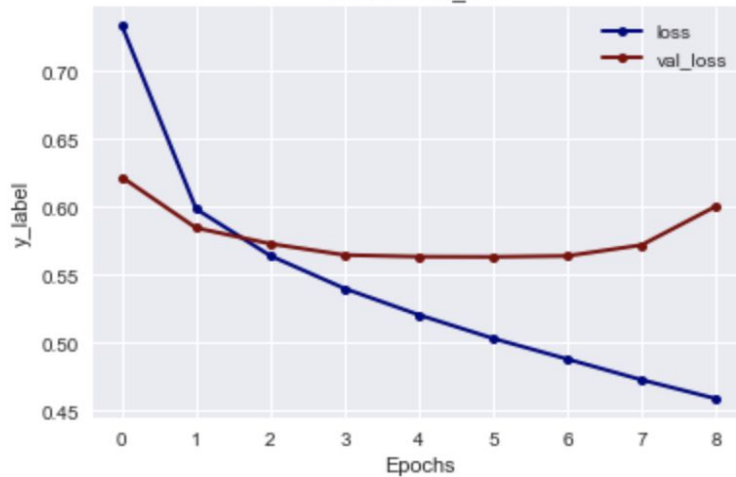
CNN

Predict the success of kickstarter projects

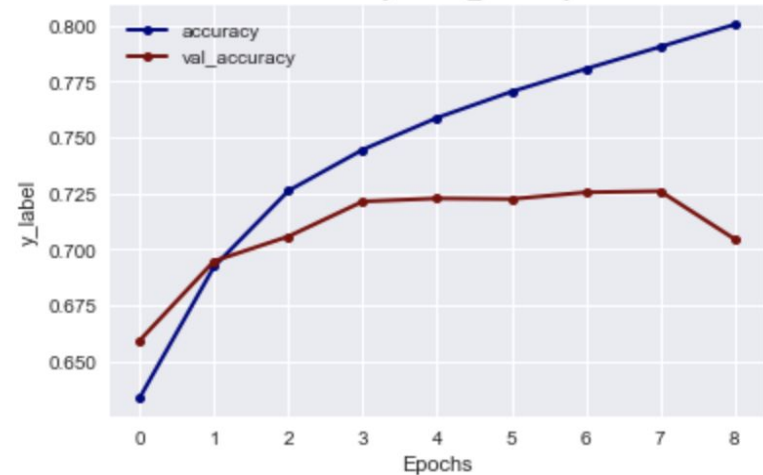
Word2Vec Embeddings



Loss Vs Val_loss



Accuracy Vs Val_accuracy



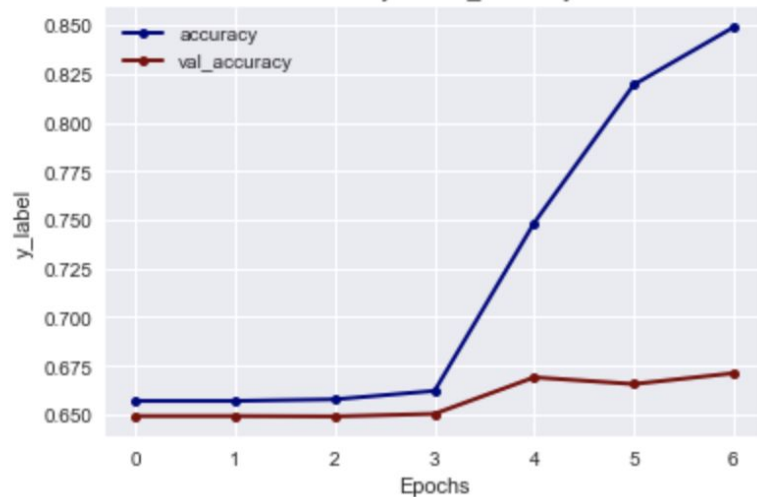
CNN

Predict the success of kickstarter projects

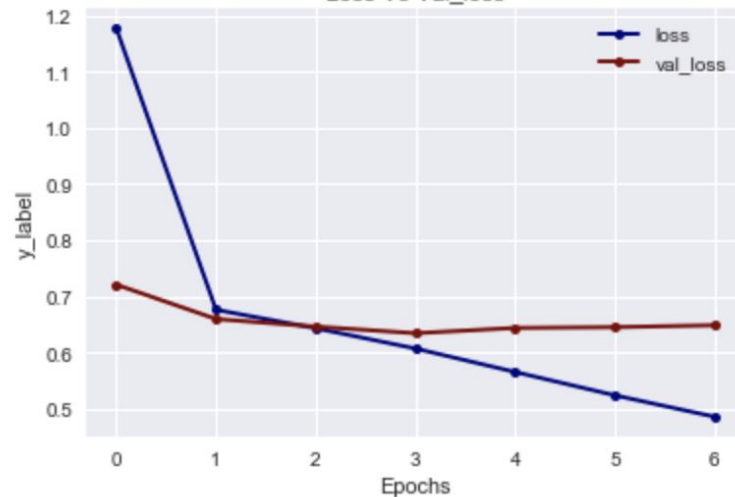
FastText Embeddings



Accuracy Vs Val_accuracy



Loss Vs Val_loss



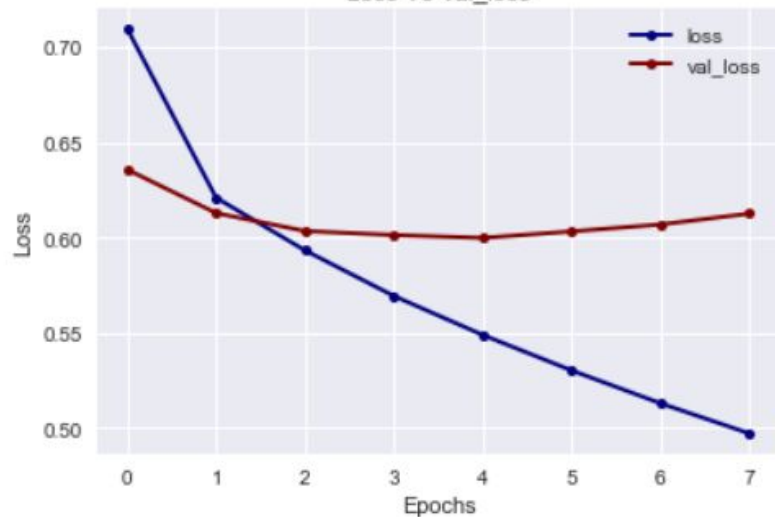
CNN

Predict the money pledged for kickstarter projects

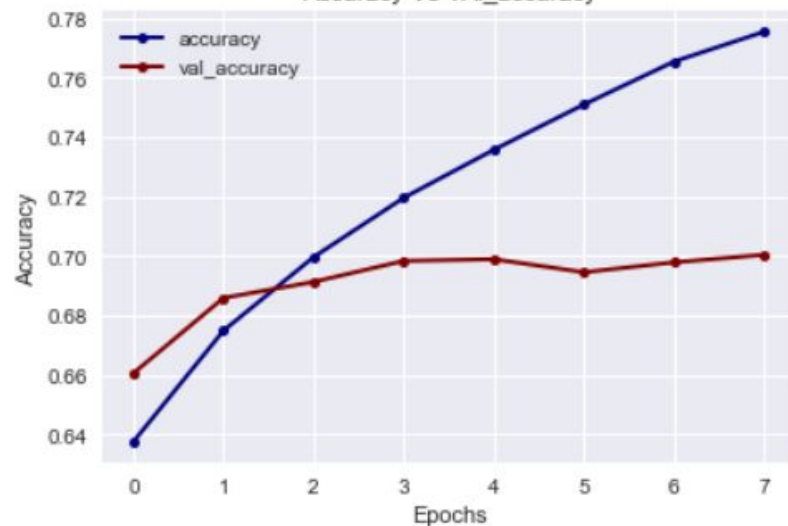
Keras Embeddings



Loss Vs Val_loss



Accuracy Vs VAI_accuracy



Summary

- Embeddings
- The results found
- What's next?

References

- <https://radimrehurek.com/gensim/models/word2vec.html>
- <https://keras.io/api/>
- https://www.youtube.com/watch?v=j7EB7yeySDw&t=600s&ab_channel=DecisionForest

Thank you
for listening ! :)

