

Evaluation

The github repository: [Link](#)

The Evaluation etc are both in here and all the data etc are in the repository

My data

«I led Babieca into as much shade as I could devise, tied him to a bush, and crawled under it with my unlucky brains. While taking refuge here I had a fall in fortune. You will conceive, O admirable reader! that the sun, this false friend in whom I had reposed my trust, having dealt with me in this false spirit, there was no longer that poetry in my temper with which I had begun my journey. I was beset with doubts. If a face so bright, so open, so intelligible could hide such malice, where was the candour of the world? By this pertinent reflection my thoughts were carried to the poor woman who had also shared my trust. Perchance it was not the part of wisdom to bestow the tenth portion of my inheritance upon a beggar in the road. Sorely considering this aspect of the case I took forth my pouch, and pouring my little means into my hand, not without a pang that one palm could hold it all, behold! in lieu of nine crowns I discovered that I had but eight.»

This is a snippet of my data from the book Fortune.

Expectations

From my Model, I expect a similar narrative style and tone, which seems to be reflective and somewhat introspective. I also expect the style to be rather old.

Sample

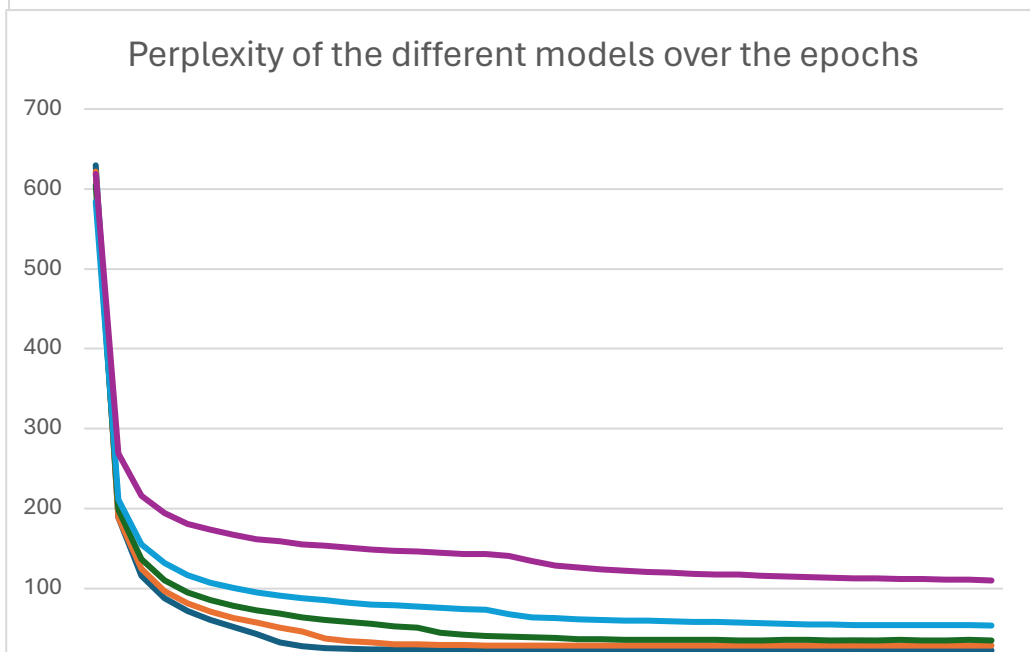
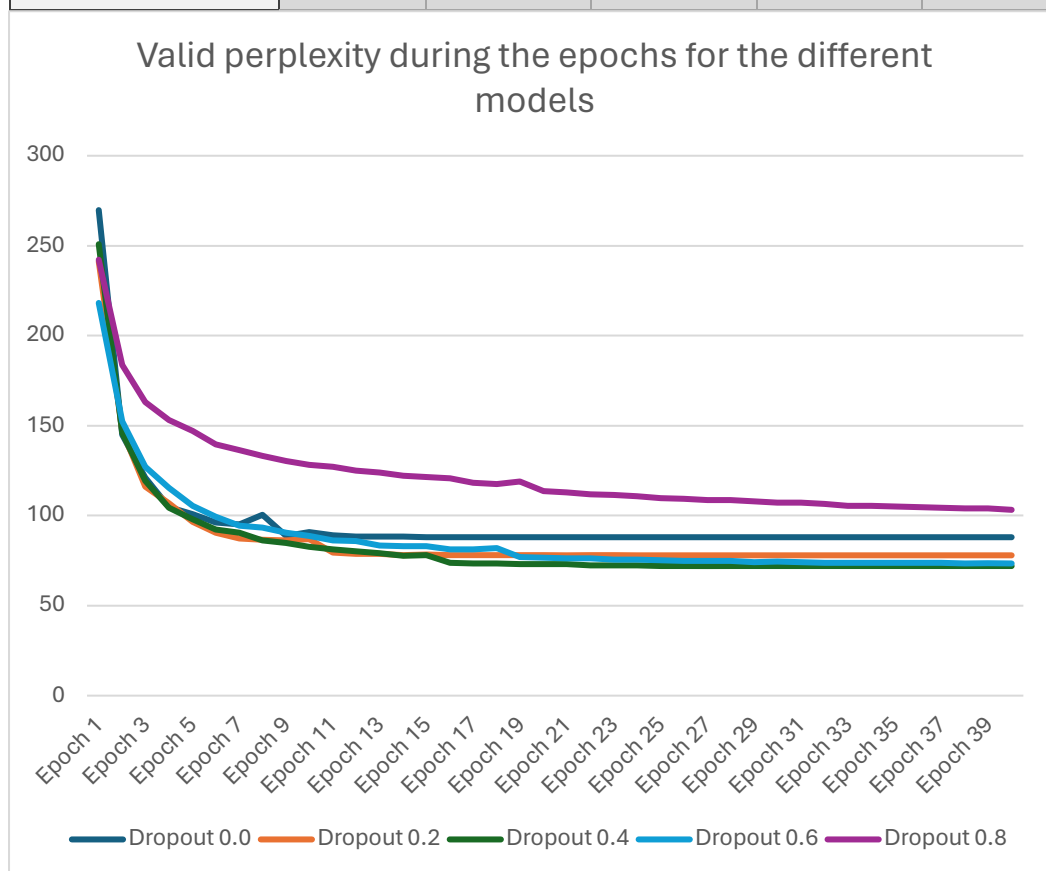
“by his own hand upon the road . <eos> Very addressed upon them , he said in the <unk> ,
while even we could be set stick with the aid of princes . <eos> At his veins it was that another of the <unk> spoke such an strange days room was not men , until I heard my native mountains
and began to take the <unk> of the Castilian ; and then very grave , it was all more fortunate
than an lawful addresses . <eos> But owing to a cord was impossible . <eos> For no sooner had it”

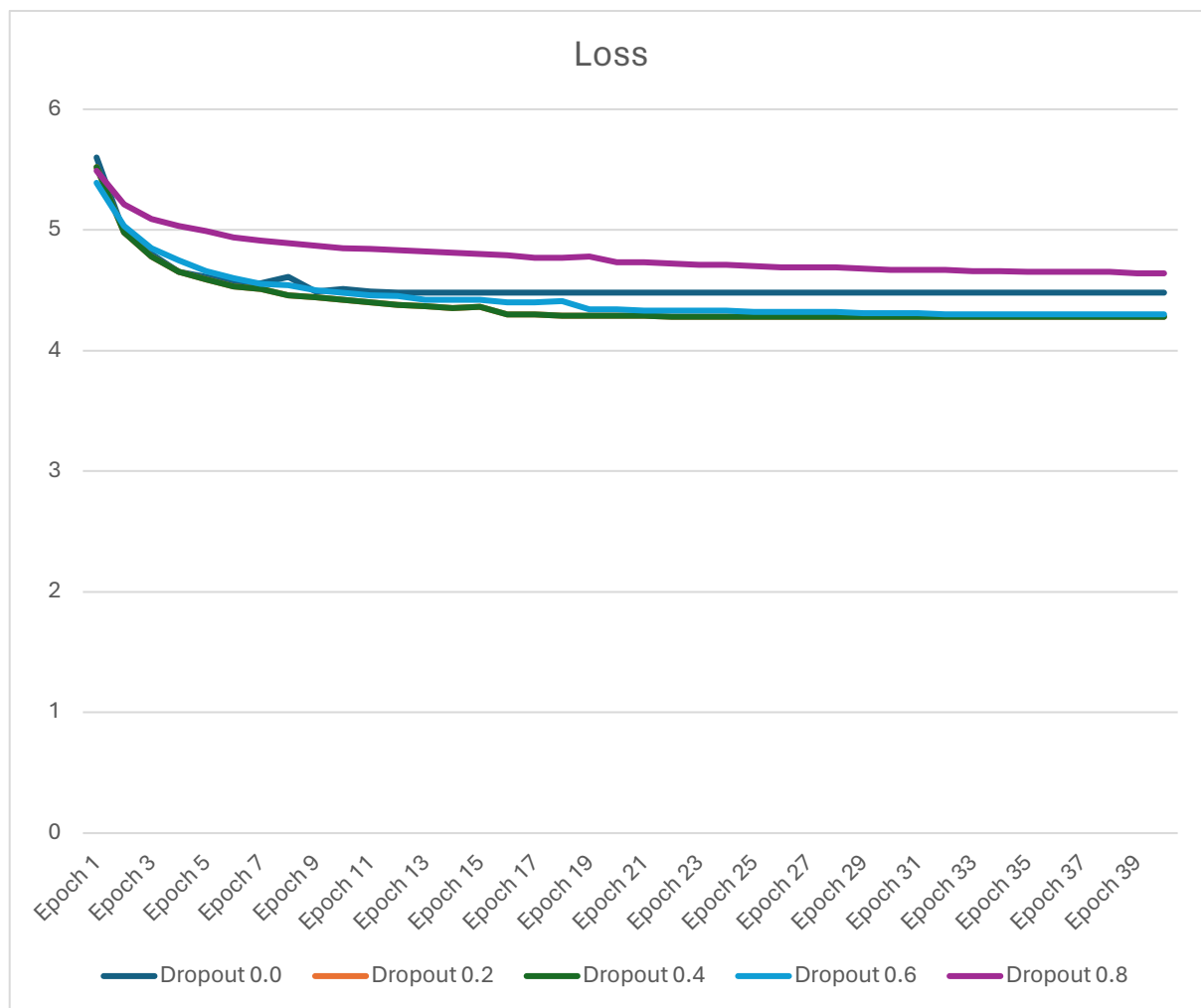
I find this to be a very confusing snippet, the sentences don't make much sense, however my data wasn't very big anyways.

Valid perplexity

Valid perplexity	Dropout 0	Dropout 0.2	Dropout 0.4	Dropout 0.6	Dropout 0.8
Epoch 1	269.79	241.33	250.85	218.21	242.23
Epoch 2	145.02	147.01	146.08	152.47	183.88
Epoch 3	121.12	116.14	119.45	127.32	162.94
Epoch 4	104.89	106.88	104.49	115.51	153.22
Epoch 5	100.69	96.72	98.14	105.44	146.96
Epoch 6	96.05	90.53	92.39	99.5	139.49
Epoch 7	95.23	87.43	90.49	94.61	136.29
Epoch 8	100.46	86.69	86.12	93.23	133.36
Epoch 9	88.83	86.17	84.7	90.38	130.35
Epoch 10	90.77	87.05	82.76	88.58	128.34
Epoch 11	89.24	79.52	81.15	86.33	127.08
Epoch 12	88.4	78.85	80.05	85.79	125.15
Epoch 13	88.33	78.87	79.18	83.36	123.82
Epoch 14	88.39	78.12	77.83	83.09	122.22
Epoch 15	88.17	78.52	78.15	82.92	121.4
Epoch 16	88.09	78.15	73.92	81.36	120.8
Epoch 17	88.06	78.09	73.49	81.22	118.2
Epoch 18	88.06	78.05	73.28	82.07	117.73
Epoch 19	88.07	78.03	73.04	77.09	119.05
Epoch 20	88.05	77.99	73	76.69	113.6
Epoch 21	88.04	77.97	73.25	76.24	112.94
Epoch 22	88.03	77.98	72.5	76.15	111.97
Epoch 23	88.03	77.98	72.51	75.69	111.34
Epoch 24	88.03	77.97	72.22	75.69	110.67
Epoch 25	88.03	77.97	72.12	75.21	109.89
Epoch 26	88.03	77.97	72.03	75.04	109.34
Epoch 27	88.03	77.97	72	74.93	108.71
Epoch 28	88.03	77.97	72.03	74.92	108.55
Epoch 29	88.03	77.97	72.02	74.3	107.94
Epoch 30	88.03	77.97	72.02	74.45	107.16

Epoch 31	88.03	77.97	72.01	74.08	107.11
Epoch 32	88.03	77.97	72.01	73.89	106.59
Epoch 33	88.03	77.97	72.01	73.91	105.63
Epoch 34	88.03	77.97	72.01	73.76	105.58
Epoch 35	88.03	77.97	72.01	73.7	104.97
Epoch 36	88.03	77.97	72.01	73.67	104.79
Epoch 37	88.03	77.97	72.01	73.65	104.43
Epoch 38	88.03	77.97	72.01	73.61	104.19
Epoch 39	88.03	77.97	72.01	73.59	103.93
Epoch 40	88.03	77.97	72.01	73.62	103.25





Evaluation

Looking at all the numbers and graphs, the model with 0.4 dropout performed the best, closely followed by the model with 0.6 dropout. The model with 0.8 dropout performed the worst.

Sample Model 0.4

“by his own hand . <eos> Being a information that addressed upon them , and our noble courtier were ,
while even out of all the night was the aid of princes board . <eos> Yet the duke was again

thrown with the <unk> manner , and with unhappy room , the duke , until his favourite material Nothing creep into the wood , the Count of Nullepart was broken with the mob . <eos> The <unk> of onlookers , <unk> powers , and with a <unk> spot , a cord was in the finest and arrogance of his ears”

Sample Model 0.8

“by her imagination that Sir Richard Pendragon that being that addressed upon them , and our noble man ! <eos>

The even <unk> mankind , in stick of the aid in princes board at this <unk> of governance . <eos>

“ And I <unk> , ladyship , ” said the sentinel , men , until which I felt her creep and began to take the <unk> of the Castilian ; and the very way , it think all could never met an lawful addresses and so and his state , me was went . <eos> For no accomplished of it”

Sample Evaluation

Model 0.4 seems to produce text with slightly more coherence in terms of grammar and syntax compared to Model 0.8. The sentences are structured more conventionally, although some phrases still lack clarity and contain unidentified tokens ("<unk>").

Model 0.8 appears to produce text that is more imaginative and includes more diverse vocabulary. However, this comes at the cost of coherence and clarity, with some sentences being less grammatically correct and containing phrases that may be difficult to interpret.