Shakespeare's Characters

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"For goodness' sake" (*Henry VIII*)

"Dead as a doornail" (*Henry VI Part II*)

"Kill with kindness" (*Taming of the Shrew*)

"A laughing stock" (Merry wives of Windsor)

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Word2Vec Model to Understand Characters

I will no more enforce mine office on you.
Early in blustering morn this lady was
What can go well, when we have run so ill?
And warriors faint! why, 'twere perpetual shame.
Come hither, come hither, come hither:
And as he saith, so say we all with him.
You love me not.
Well run, Thisbe.
they would have hanged him: and I pray God his...
Marvellous sweet music!
Not as deserved.
Perchance you will not bear them patiently.
I do desire to learn, sir: and I hope, if you ...
That's a lie in thy throat. I charge you in his
Yet to beat down these rebels here at home.
And say if I shall see you soon at night.
That swiftest wing of recompense is slow
Like one I loved indeed. What were thy friends?
Can trace me in the tedious ways of art
with their left legs and not presume to touch ...
And give them repetition to the life.
His well-proportion'd beard made rough and rug...
pancakes were naught and the mustard was good,...
I know you think to dine with me to-day,
Upon a parchment, and against this fire

Romeo

array([0.5235409 , 0.23755722, -0.11544807, -0.46272144, -0.5259037 ,
        0.5971846 , -0.26432487, 0.5868385 , -0.5039447 , -1.327198 ,
       -0.86429036, -0.62761146, -0.6827236 , -0.52436537, -0.2294512 ,
       -0.41993606, 1.0393909 , -0.7509217 , 0.49827272, -0.06252113],
      dtype=float32)

Juliet

array([-0.03737362, 0.46069363, -0.33312315, -0.56602854, -0.31845847,
        0.49919498, -0.0312495 , 0.49248782, -0.44406968, -1.0219613 ,
       -0.6747966 , -0.38188094, -0.27511272, -0.22791912, -0.4109713 ,
       -0.16313918, 0.9293633 , -0.63724643, 0.51012015, -0.02001398],
      dtype=float32)

Sword

array([-0.23718493, 0.19852178, -0.5835102 , -0.28306642, -0.34361988,
       -0.438949 , -0.4231499 , 0.5986265 , -0.4235953 , -0.5113912 ,
       -0.85861415, -0.17903455, -0.6845301 , -0.68439025, -1.1331946 ,
       -0.5403995 , 0.49631312, -0.12258077, -0.39414167, -0.32830623],
      dtype=float32)

Knife

array([-0.1971253 , 0.18574046, -0.56258035, -0.21897744, -0.09380577,
       -0.10679424, -0.17367275, 0.56680346, -0.26274678, -0.47895935,
       -0.74077755, -0.32710063, -0.4723716 , -0.29343405, -0.49264827,
       -0.32941192, 0.33452392, -0.2555764 , -0.00633572, -0.4125427],
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Romeo Example

```
model.most_similar('romeo' ,topn=4)
```

```
[('juliet', 0.9074787497520447),
 ('tybalt', 0.8931403756141663),
 ('horatio', 0.8853527307510376),
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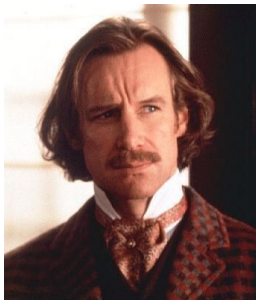
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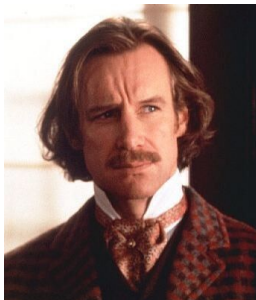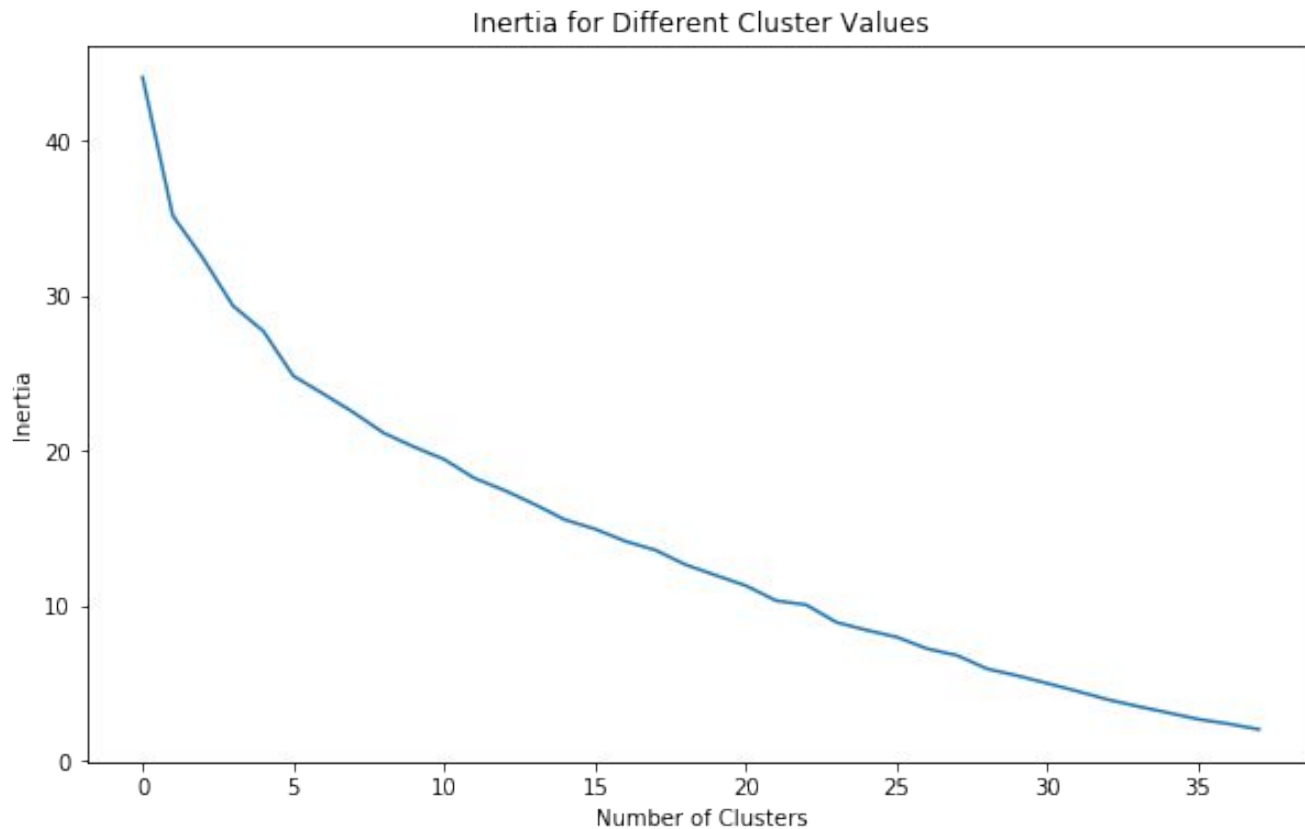
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Troilus

A young Trojan prince who falls in love with Cressida during the Trojan War in Troilus and Cressida

Clustering Based on Embedding Values

Inertia for Different Cluster Values

Sample of Clusters

Royalty / Nobility

26	suffolk	2
37	talbot	2
0	gloucester	2
18	buckingham	2
17	warwick	2
11	york	2

Lovers / Male Leads

25	juliet	0
1	hamlet	0
23	petruchio	0
28	troilus	0
19	romeo	0
45	valentine	0
43	claudio	0
15	rosalind	0
36	benedick	0
35	proteus	0

And If I have Violated Any Laws of Statistics...

If we shadows have offended,

Think but this, and all is mended—

That you have but slumbered here

While these visions did appear.

And this weak and idle theme,

No more yielding but a dream,

- Puck

Thank you