Assignment 1 kinz

October 10, 2024

```
[ ]: Assignment #1 – Sub Corpora 1 (Academic article on Jeffery Dahmer Academic␣
     ↪Article on Jeffery Dahmer – https://epublications.regis.edu/cgi/viewcontent.
     ↪cgi?article=1240&context=theses)
```

```
[9]: import os
     print(os.getcwd())
     print(os.listdir())
```

```
C:\Users\Kinzlee\SDA 250 Fall 2024\Assignment 1
['.ipynb_checkpoints', 'Assignment1_prep.ipynb', 'Jeffrey Dahmer_ Psychopathy
and Neglect.pdf', 'Jeffrey Dahmer_ Psychopathy and Neglect.txt',
'Untitled.ipynb']
```

```
[5]: import nltk
     from nltk import FreqDist
     import numpy
     import matplotlib
```

```
[15]: with open("./Jeffrey Dahmer_ Psychopathy and Neglect.txt", "r", encoding =␣
      ↪"utf8") as f:
          Jeffpsy = f.read()
      JeffTokens = nltk.word_tokenize(Jeffpsy)
```

```
[37]: # Question 1
      print("Question 1")
      print("Length:", len(JeffTokens))
      print()

      # Qusetion 2
      print("Question 2")
      JeffLength = len(JeffTokens)
      def lexical_diversity(JeffTokens):
          return len(set(JeffTokens)) / len(JeffTokens)
      fdist1 = FreqDist(JeffTokens)
      print("Lexical Diversity:", lexical_diversity(Jeffpsy))
      print()

      # Question 3
```

```python
print("Question 3")
print(fdist1.most_common(15))
print()

# Question 4
print("Question 4")
filtered_words = [word for word in JeffTokens if len(word) >= 10]
longdist = FreqDist(filtered_words)
print(longdist.most_common())
print()

# Question 5
print("Question 5")
from nltk.tokenize import sent_tokenize, word_tokenize
sentences = sent_tokenize(Jeffpsy)
sent1 = max(sentences, key=lambda sentence: len(word_tokenize(sentence)))
print(sent1)
sentlen = len(word_tokenize(longest_sentence))
print("The length of the longest sentence is:", sentlen)
print()

# Question 6
print("Question 6")
from nltk.stem.snowball import SnowballStemmer
stemmer = SnowballStemmer("english")
lsent1 = word_tokenize(longest_sentence)
stemmed_words = [stemmer.stem(word) for word in lsent1]
print(stemmed_words)
```

Question 1
Length: 23036

Question 2
Lexical Diversity: 0.0007104540519828852

Question 3
[(',', 1408), ('.', 794), ('the', 690), ('and', 614), ('of', 559), ('(', 489),
(')', 488), ('to', 454), ('a', 379), ('in', 226), (':', 202), ('or', 196),
('abuse', 178), ('child', 173), ('as', 167)]

Question 4
[('PSYCHOPATHY', 68), ('individuals', 53), ('development', 50), ('anti-social',
47), ('individual', 36), ('psychopathic', 35), ('tendencies', 30),
('adolescent', 30), ('experienced', 26), ('abuse/neglect', 25), ('antisocial',
21), ('information', 20), ('significant', 18), ('Maguire-Jack', 18),
('Dahmervideos', 17), ('researchers', 16), ('associated', 16), ('experiences',
16), ('interviews', 15), ('adolescents', 14), ('phenomenon', 14),
('psychological', 13), ('maltreatment', 12), ('understand', 11), ('witnessing',

11), ('Information', 11), ('additional', 11), ('Additionally', 10), ('aggressive', 10), ('participants', 10), ('feature=plcp', 10), ('physically', 9), ('aggression', 9), ('personality', 9), ('approximately', 9), ('intervention', 9), ('frequently', 8), ('interpersonal', 8), ('literature', 8), ('particular', 8), ('supervision', 8), ('//www.youtube.com/watch', 8), ('responsible', 7), ('fascination', 7), ('disorganized', 7), ('likelihood', 7), ('characteristics', 7), ('consequences', 7), ('frustration', 7), ('adolescence', 7), ('organizations', 7), ('Additional', 6), ('socioeconomic', 6), ('depression', 6), ('behavioral', 6), ('developing', 6), ('Dalnnervideos', 6), ('experience', 6), ('Anti-social', 6), ('activities', 6), ('participant', 6), ('questionnaire', 6), ('correlation', 6), ('interviewee', 6), ('ofInvestigation', 5), ('classified', 5), ('attachment', 5), ('hedonistic', 5), ('mutilation', 5), ('self-esteem', 5), ('interaction', 5), ('University', 5), ('considered', 5), ('neglect/abuse', 5), ('environment', 5), ('collection', 5), ('loneliness', 5), ('counseling', 5), ('Introduction', 4), ('Throughout', 4), ('enforcement', 4), ('Investigation', 4), ('biological', 4), ('environmental', 4), ('influenced', 4), ('previously', 4), ('abandonment', 4), ('overlooked', 4), ('definition', 4), ('population', 4), ('professionals', 4), ('discrepancies', 4), ('//www.youtube.comiwatch', 4), ('Development', 4), ('communities', 3), ('understanding', 3), ('exploratory', 3), ('motivation', 3), ('enviromnent', 3), ('gratification', 3), ('difficulties', 3), ('determining', 3), ('Prevention', 3), ('relationship', 3), ('Psychological', 3), ('internalize', 3), ('anti-anxiety', 3), ('altercations', 3), ('possibility', 3), ('neighborhood', 3), ('cannibalism', 3), ('detrimental', 3), ('Interpersonal', 3), ('medication', 3), ('displaying', 3), ('influential', 3), ('effectively', 3), ('similarities', 3), ('internalized', 3), ('externalizing', 3), ('conclusions', 3), ('Maltreatment', 3), ('intentional', 3), ('definitions', 3), ('caregivers', 3), ('supervised', 3), ('vulnerable', 3), ('developmental', 3), ('well-being', 3), ('protection', 3), ('independent', 3), ('experiment', 3), ('interactions', 3), ('Encyclopedia', 3), ('inter-parental', 3), ('longitudinal', 3), ('preconceived', 3), ('researching', 3), ('rationalize', 3), ('biographies', 3), ('government', 3), ('hypothesis', 3), ('International', 3), ('Comparative', 3), ('Criminology', 3), ('Description', 2), ('psychologically', 2), ('statements', 2), ('characteristic', 2), ('methodical', 2), ('successful', 2), ('prostitutes', 2), ('threatening', 2), ('conclusion', 2), ('victimization', 2), ('emotionally', 2), ('situations', 2), ('inappropriate', 2), ('self-worth', 2), ('themselves', 2), ('Individuals', 2), ('Department', 2), ('organization', 2), ('inevitably', 2), ('psychology', 2), ('eventually', 2), ('interviewed', 2), ('substantiated', 2), ('increasingly', 2), ('reprimanded', 2), ('misconduct', 2), ('exploiting', 2), ('particularly', 2), ('Dalmlervideos', 2), ('hitchhiker', 2), ('observational', 2), ('Beauregard', 2), ('criminological', 2), ('personalities', 2), ('necrophilia', 2), ('mistreated', 2), ('statistically', 2), ('Conclusions', 2), ('internalizing', 2), ('significantly', 2), ('domestically', 2), ('inpatients', 2), ('association', 2), ('beneficial', 2), ('destructive', 2), ('prevention', 2), ('Adolescents', 2), ('sufficient', 2), ('unsupervised', 2), ('disadvantages', 2), ('neglectful', 2), ('assessment', 2), ('background', 2), ('laboratory', 2), ('parent-child', 2), ('connection', 2), ('occasionally', 2), ('manipulation', 2), ('researched', 2), ('pm1icipants', 2), ('cOlmection', 2),

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('//www.ncbi.n1m.nih.gov/pubmedhealthlPMH0OOI917/', 1),
('//www.acadv.org/abusers.html', 1), ('ofCriminal', 1), ('007/BF02885707', 1),
('interparental', 1), ('ofinterpersonal', 1), ('l0.1177/0886260502250081', 1),
('//www.trutv.com/library/crime/seriaIJillers/notorious/gacy/gacy_l.html', 1),
('Biography.com', 1), ('//www.biography.com/people/tedbundy-9231165', 1),
('protection.', 1), ('compassion', 1), ('Definitions', 1),
('//www.cdc.govNiolencePreventionichildmaltreatmentidefinitions.html', 1),
('integrated', 1), ('socialleaming', 1), ('doi:1O.1177/0306624X10361317', 1),
('//www.childwelfare', 1), ('gov/pubs/factsheets/long_tenu_consequences', 1),
('//www.childwelfare.gov/pubs/factsheets/whatiscan.cfm', 1), ('Sunuuaryof', 1),
('//www.childwelfare.gov/systemwide/laws~olicies/statutes/witnessdv.cfiu', 1),
('Associations', 1), ('ofInterpersonal', 1), ('doi:10.1177/0886260505283341',
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('anti-sociality', 1), ('l0.1007/s10519-010-9336-2', 1),
('//www.fbi.gov/statsservices/publica', 1), ('tions/serial-murder', 1),
('serial-murder-l', 1), ('Aggressive', 1), ('doi:10.1002/ab.20322', 1),
('comprehensive', 1), ('//www.ncjrs.gov/pdffiles1/ojjdp/227744.pdf', 1),
('uklnews/worldnews/', 1), ('O/Serial-killer-8-charged', 1), ('-with-
threemurders.html', 1), ('doi:10.l177/1741659009335714', 1),
('//socyberty.com/Crime/jolm-waynegacy/', 1), ('hlternational', 1),
('IO.1177/1741659007082469', 1), ('//www.merckmanuals.com/home/childrens_', 1),
('health_issues/mental_health_disorders_i', 1), ('children/conduct-', 1),
('disorder.html', 1), ('supervisory', 1), ('replication', 1),
('077559504273684', 1), ('Bangdiwala', 1), ('Importance', 1), ('Pediatrics', 1),
('10.1542/peds.2006-3622', 1), ('psychopathy', 1), ('BriejTreatment', 1),
('Intervention', 1), ('O.1093/brieftreatmentlmlnn004', 1),
('llll1j.14678624.2012.01820.x', 1), ('Loneliness', 1), ("Intel'llational", 1),
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('//www.simplypsychology.org/operant-conditioning.htmI', 1),
('//www.simp1ypsychology.orglbandura.html', 1), ('Punislunent', 1),
('llorcashealingarts.org/poisonous-pedagogy-punislmlent-followed-on-a-grand-
scalel', 1), ('psychiatric', 1), ('10.1007/s10578-011-0222-9', 1),
('Punislmlent', 1),
('llwww.crimemuseum.org/library/seriaIKillers/seriaIKillerVictim.html', 1),
('10.1177/14680173030032003', 1), ('Lindenberg', 1), ("adolescents'", 1),
('ofBehavioral', 1), ('10.1177/0165025409350949', 1), ('firesetting', 1),
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('questioning', 1), ('hurt/bully/abuse', 1), ('inflnenced', 1), ('passionate',
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('11119/2012', 1)]

Question 5
The nine dimensions of cruelty
consisted of: severity or degree of pain inflicted upon the animal, frequency of
the animal abuse,
duration or average time spent abusing the animal in one session, when the last
act of abuse was
committed (recency), diversity of animals abused (example: dogs, cats, birds …
), level of
concern for the abused animal (sentience), whether the child attempts to hide
the act
(covertness), whether the act was committed alone or with others (isolation),
and whether the
child regrets the acts of abuse(empathy) (Dadds et aI., 2006).
The length of the longest sentence is: 119

Question 6
['the', 'nine', 'dimens', 'of', 'crruelti', 'consist', 'of', ':', 'sever', 'or',
'degre', 'of', 'pain', 'inflict', 'upon', 'the', 'anim', ',', 'frequenc', 'of',
'the', 'anim', 'abus', ',', 'durat', 'or', 'averag', 'time', 'spent', 'abus',
'the', 'anim', 'in', 'one', 'session', ',', 'when', 'the', 'last', 'act', 'of',
'abus', 'was', 'commit', '(', 'recenc', ')', ',', 'divers', 'of', 'anim',
'abus', '(', 'exampl', ':', 'dog', ',', 'cat', ',', 'bird', '…', ')', ',',
'level', 'of', 'concern', 'for', 'the', 'abus', 'anim', '(', 'sentienc', ')',
',', 'whether', 'the', 'child', 'attempt', 'to', 'hide', 'the', 'act', '(',
'covert', ')', ',', 'whether', 'the', 'act', 'was', 'commit', 'alon', 'or',
'with', 'other', '(', 'isol', ')', ',', 'and', 'whether', 'the', 'child',

'regret', 'the', 'act', 'of', 'abus', '(', 'empathi', ')', '(', 'dadd', 'et',
'ai.', ',', '2006', ')', '.']

[ ]: