

12/01/2024

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```
In [1]: import nltk
```

```
In [2]: nltk.download()
```

showing info https://raw.githubusercontent.com/nltk/nltk_data/gh-pages/index.xml

```
Out[2]: True
```

```
In [3]: from nltk.corpus import brown
```

```
In [4]: brown.categories()
```

```
Out[4]: ['adventure',
         'belles_lettres',
         'editorial',
         'fiction',
         'government',
         'hobbies',
         'humor',
         'learned',
         'lore',
         'mystery',
         'news',
         'religion',
         'reviews',
         'romance',
         'science_fiction']
```

```
In [5]: brown.words(categories='adventure')[:50]
```

```
Out[5]: ['Dan',
         'Morgan',
         'told',
         'himself',
         'he',
         'would',
         'forget',
         'Ann',
         'Turner',
         '.',
         'He',
         'was',
         'well',
         'rid',
         'of',
         'her',
         '.',
         'He',
         'certainly',
         "didn't",
         'want',
         'a',
         'wife',
         'who',
         'was',
         'fickle',
         'as',
         'Ann',
         '.',
         'If',
```

```
'he',  
'had',  
'married',  
'her',  
,',',  
"he'd",  
'have',  
'been',  
'asking',  
'for',  
'trouble',  
,',',  
'But',  
'all',  
'of',  
'this',  
'was',  
'rationalization',  
,',',  
'Sometimes']
```

```
In [6]: from nltk.corpus import inaugural
```

```
In [8]: inaugural.fileids()
```

```
Out[8]: ['1789-Washington.txt',  
'1793-Washington.txt',  
'1797-Adams.txt',  
'1801-Jefferson.txt',  
'1805-Jefferson.txt',  
'1809-Madison.txt',  
'1813-Madison.txt',  
'1817-Monroe.txt',  
'1821-Monroe.txt',  
'1825-Adams.txt',  
'1829-Jackson.txt',  
'1833-Jackson.txt',  
'1837-VanBuren.txt',  
'1841-Harrison.txt',  
'1845-Polk.txt',  
'1849-Taylor.txt',  
'1853-Pierce.txt',  
'1857-Buchanan.txt',  
'1861-Lincoln.txt',  
'1865-Lincoln.txt',  
'1869-Grant.txt',  
'1873-Grant.txt',  
'1877-Hayes.txt',  
'1881-Garfield.txt',  
'1885-Cleveland.txt',  
'1889-Harrison.txt',  
'1893-Cleveland.txt',  
'1897-McKinley.txt',  
'1901-McKinley.txt',  
'1905-Roosevelt.txt',  
'1909-Taft.txt',  
'1913-Wilson.txt',  
'1917-Wilson.txt',  
'1921-Harding.txt',  
'1925-Coolidge.txt',  
'1929-Hoover.txt',  
'1933-Roosevelt.txt',  
'1937-Roosevelt.txt',  
'1941-Roosevelt.txt',  
'1945-Roosevelt.txt',  
'1949-Truman.txt',  
'1953-Eisenhower.txt',  
'1957-Eisenhower.txt',  
'1961-Kennedy.txt',  
'1965-Johnson.txt',  
'1969-Nixon.txt',  
'1973-Nixon.txt',  
'1977-Carter.txt',  
'1981-Reagan.txt',  
'1985-Reagan.txt',  
'1989-Bush.txt',  
'1993-Clinton.txt',  
'1997-Clinton.txt',  
'2001-Bush.txt',
```

```
'2005-Bush.txt',  
'2009-Obama.txt',  
'2013-Obama.txt',  
'2017-Trump.txt',  
'2021-Biden.txt']
```

```
In [10]: inaugural.words(fileids='1861-Lincoln.txt')[:20]
```

```
Out[10]: ['Fellow',  
          '-',  
          'Citizens',  
          'of',  
          'the',  
          'United',  
          'States',  
          ':',  
          'In',  
          'compliance',  
          'with',  
          'a',  
          'custom',  
          'as',  
          'old',  
          'as',  
          'the',  
          'Government',  
          'itself',  
          ',']
```

```
In [ ]:
```

```
Loading [MathJax]/jax/output/CommonHTML/fonts/TeX/fontdata.js
```