

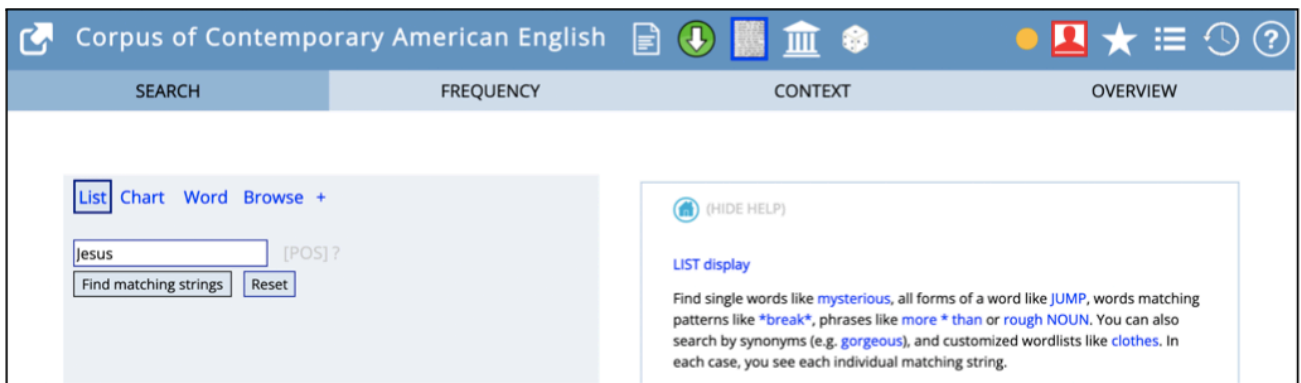
NLP Task 3.3

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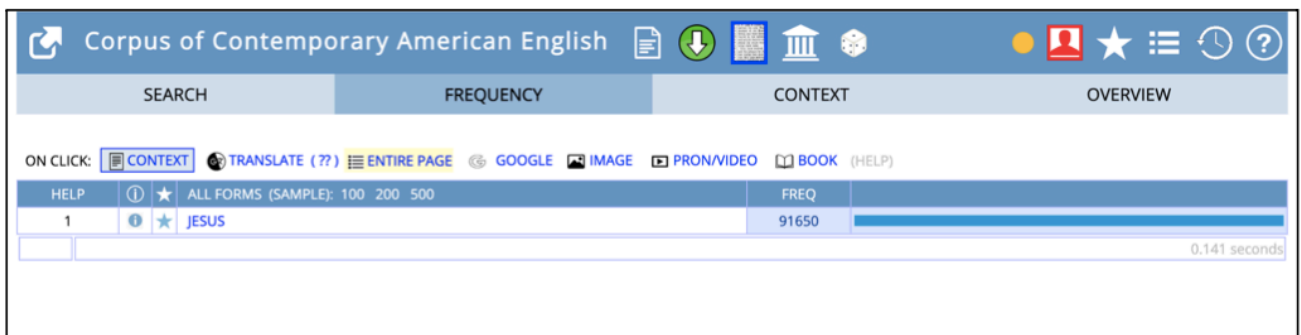
Explore COCA

Demonstrate any three of the five features.

1. Find the frequency count of a word



The screenshot shows the 'SEARCH' tab of the Corpus of Contemporary American English (COCA) interface. The search bar contains the word 'Jesus' and the part of speech '[POS]?'. Below the search bar are buttons for 'Find matching strings' and 'Reset'. To the right, there is a 'LIST display' section with a '(HIDE HELP)' button. The 'LIST display' text explains that it shows single words like 'mysterious', all forms of a word like 'JUMP', words matching patterns like '*break*', phrases like 'more * than' or 'rough NOUN', and search by synonyms (e.g. 'gorgeous'), and customized wordlists like 'clothes'. In each case, you see each individual matching string.



The screenshot shows the 'FREQUENCY' tab of the COCA interface. The search bar contains the word 'Jesus' and the part of speech '[POS]?'. Below the search bar are buttons for 'Find matching strings' and 'Reset'. To the right, there is a 'LIST display' section with a '(HIDE HELP)' button. The 'LIST display' text explains that it shows single words like 'mysterious', all forms of a word like 'JUMP', words matching patterns like '*break*', phrases like 'more * than' or 'rough NOUN', and search by synonyms (e.g. 'gorgeous'), and customized wordlists like 'clothes'. In each case, you see each individual matching string.

HELP	1	★	ALL FORMS (SAMPLE): 100 200 500	FREQ
1	1	★	JESUS	91650

0.141 seconds

2. Chart - word - frequency; section; sub-section; year

Corpus of Contemporary American English

SEARCHCHARTCONTEXTOVERVIEW

ListChartWord Browse +

Jesus

[POS]?

See frequency by section

Reset

☐ Sections Texts/Virtual Sort/Limit Options

(HIDE HELP)

CHART display

If you are interested in a set of words or a grammatical construction, then the **LIST** option shows the frequency of each matching form (*end up being*, *ended up saying*, etc), while the **CHART** option shows the total frequency in each section. (in COCA, the genres and five year blocks). It is also possible to see the frequency of words and phrases by sub-genre and/or year, e.g. *laptop*, or *fake news*.

Corpus of Contemporary American English

SEARCHCHARTCONTEXTOVERVIEW

CLICK TO SEE CONTEXT

SECTION	ALL	BLOG	WEB	TV/M	SPOK	FIC	MAG	NEWS	ACAD	1990-94	1995-99	2000-04	2005-09	2010-14	2015-19
FREQ	91758	15996	21458	22584	3828	9195	10370	3291	5036	7343	8650	9949	11467	8772	8123
WORDS (M)	993	128.6	124.3	128.1	126.1	118.3	126.1	121.7	119.8	121.1	125.2	124.6	123.1	123.3	122.8
PER MIL	92.40	124.37	172.70	176.33	30.35	77.71	82.24	27.03	42.04	60.63	69.08	79.83	93.19	71.12	66.17
SEE ALL SUB-SECTIONS AT ONCE															

SECTION	News/Opin	Financial	Sci/Tech	Soc/Arts	Religion	Sports	Entertain	Home/Health	Afric-Amer	Children	Women/Men
FREQ	1304	13	126	121	7553	101	452	125	163	8	422
WORDS (M)	27.7	7.2	18.6	9.3	5.6	14.1	7.7	20.7	4.3	2.4	8.5
PER MIL	47.12	1.81	6.77	12.98	1,360.00	7.15	58.57	6.04	38.22	3.31	49.57
CLICK FOR CONTEXT											

Corpus of Contemporary American English

SEARCHCHARTCONTEXTOVERVIEW

SECTION: MAG:Children (8)
(SHUFFLE)

CLICK FOR MORE CONTEXT

HELP SAVE TRANSLATE ANALYZE

1	2018	MAG	Business Insider	Q	was taken from her a month ago sued the Trump administration. Beata Mariana de Jesus Mejia-Mejia was released from custody while her asylum case is pending and
2	2012	MAG	BoysLife	Q	is shaped like a pentagon with a lighted U.S. flag in the middle. # Jesus Huerta 3r., Troop 647, Chicago, Ill. # Jesus worked on a
3	2012	MAG	BoysLife	Q	middle. # Jesus Huerta 3r., Troop 647, Chicago, Ill. # Jesus worked on a project that provided care packages to homeless teenagers when they arrived at
4	2012	MAG	BoysLife	Q	care packages to homeless teenagers when they arrived at a local homeless shelter. # Jesus was taken aback by the homeless statistics in Chicago - there were more th
5	2001	MAG	Parenting	Q	" Hannah asked. Nathaniel wheeled around: " What do you mean? Only Jesus or maybe Moses can come back from the dead. Don't you know that
6	2001	MAG	Parenting	Q	something before we close? - " There are a lot of people who need Jesus in their life, so go to church. They didn't make these churches
7	2000	MAG	ChildLife	Q	the books and schools most people had in the Middle Ages. The birth of Jesus is still dramatized in many countries. It was from just such a simple play
8	2000	MAG	ChildLife	Q	sang and feasted from midnight Christmas Eve to the twelfth day after the day of Jesus' birth. Later on, in Scotland and England, boys and men,

3. Collocate - Display three collocations on the left and right of the word

SEARCH
WORD
CONTEXT
OVERVIEW

See in iWeb Collocates Clusters Topics Texts KWIC HELP

christmas

(NOUN) #1388

BLOG WEB TV/M SPOK FIC MAG NEWS ACAD

1. a Christian holiday celebrating the birth of Christ 2. period extending from Dec. 24 to Jan. 6

D M O C G E

YouGlish PlayPhrase Yarn
 Translate: choose language

SYNONYMS CONCEPT NEW: DEFIN +SPEC +GENL

TOPICS (more)

[holiday](#), [eve](#), [merry](#), [decorate](#), [gift](#), [tree](#), [present](#), [toy](#), [pm](#), [treat](#), [celebrate](#), [celebration](#), [holly](#), [ribbon](#), [tradition](#), [thanksgiving](#), [shopping](#), [snow](#), [ornament](#), [cookie](#)

COLLOCATES (more)

NOUN [tree](#), [eve](#), [present](#), [gift](#), [party](#), [card](#), [carol](#), [light](#)

VERB [celebrate](#), [wish](#), [sing](#), [decorate](#), [shop](#), [light](#), [ruin](#), [exchange](#)

ADJ [merry](#), [annual](#), [spectacular](#), [victorian](#), [magical](#), [festive](#), [celebrated](#), [decorated](#)

ADV [pm](#), [past](#), [get-together](#), [lavishly](#), [merrily](#), [garishly](#), [abed](#)

RELATED WORDS

[pre-christmas](#), [christmassy](#), [post-christmas](#)

CLUSTERS (more)

christmas •	christmas eve • christmas tree • christmas day • christmas in • christmas party • christmas present • christmas morning • christmas trees
• christmas	merry christmas • for christmas • on christmas • before christmas • at christmas • after christmas • last christmas • to christmas
christmas • •	christmas to you • christmas this year • christmas and new • christmas tree farm • christmas tree in • christmas and easter • christmas eve in • christmas is coming
• • christmas	home for christmas • just before christmas • want for christmas • days before christmas • for the christmas • thanksgiving and christmas • day after christmas • like a christmas
christmas • • •	christmas and new year • christmas and a happy • christmas we wish you • christmas in the country • christmas is all about • christmas is a time • christmas yet to come • christmas eve and christmas
• • • christmas	you a merry christmas • i want for christmas • in time for christmas • you want for christmas • up like a christmas • two days before christmas • have a merry christmas • true meaning of christmas

TEXTS / VIRTUAL CORPORA (more)

MOV:Olive, the Other Reindeer • NEWS:Chicago • TV:Beverly Hills, 90210 • WEB:.al.library.upenn.edu • BLOG:hfrugalgirl.com • ACAD:GeographRev • MOV:How the Grinch Stole Christmas • MOV:The Muppet Christmas Carol • MOV:Christmas with the Kranks • MOV:Mickey's Once Upon a Christmas • MOV:A Nanny for Christmas • MOV:A Frozen Christmas 3 • NEWS:Chicago • FIC:Mov:GoldenWindows • MOV:Home Alone 2: Lost in New York • MOV:Get Santa • ACAD:CrossCurrents • ACAD:CrossCurrents • MOV:Mickey's Twice Upon a Christmas • MOV:The Night Before • MOV:Beethoven's Christmas Adventure • NEWS:Chicago • NEWS:Atlanta • MOV:I'll Be Home for Christmas • WEB:brctv13.com •

CONCORDANCE LINES (more)

1 NEWS: 2014: OrangeCR	together , " Anas said . " We can celebrate at Christmas and continue this life how it should be . Like families .
2 SPOK: 1999: CBS_Early	, thank you . GUMBEL : OK ? Have a merry Christmas and enjoy it . Ms-DIAMOND : Thank you . GUMBEL : These
3 SPOK: 2018: Fox_Carlson	the best is just to totally ignore it . and celebrate Christmas as we always have , and pretend that these people , these
4 MAG: 1997: NatlParks	in some of the sanctioned monitoring and restoration programs : Christmas Bird Count Breeding Bird Survey International Migratory Bird
5 ACAD: 2005: PhysicsToday	, Carl Sagan , and Gottfried spent part of their 1984 Christmas break drafting one of several rebuttals . (n16) # One
6 SPOK: 1995: CNN_King	I also have a necklace that has , you know , Christmas bulbs that light up , but I was- LARRY KING : That
7 MAG: 1990: USNWR	a dog-owners ' newsletter and has poured her address book , Christmas card list and recipes onto a disk . Her husband Gary ,