NLP TASK

TITLE: EXPLORING COCA- Corpus of Contemporary American English

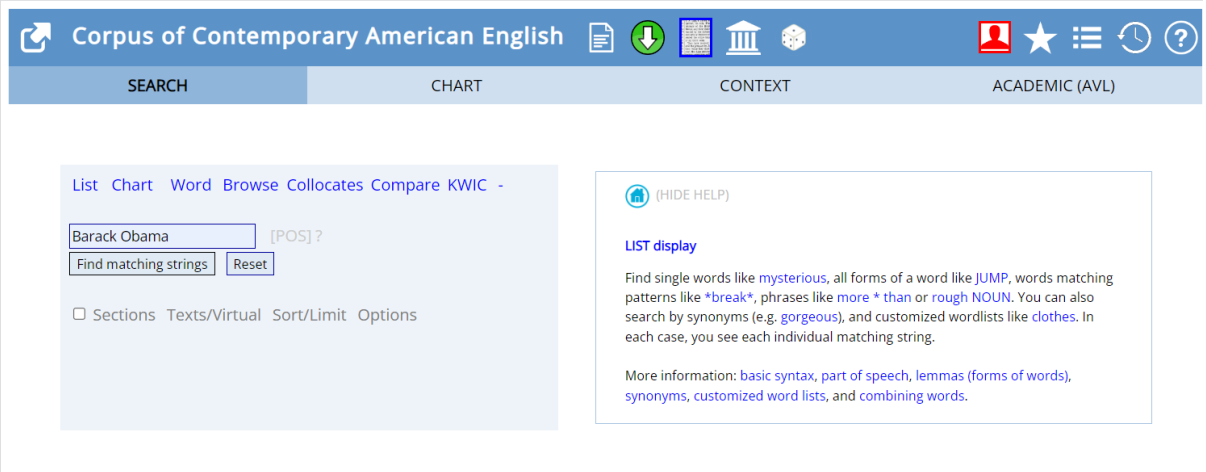
NAME: APARAJITA SENAPATI

REG NO: 20BDS0288

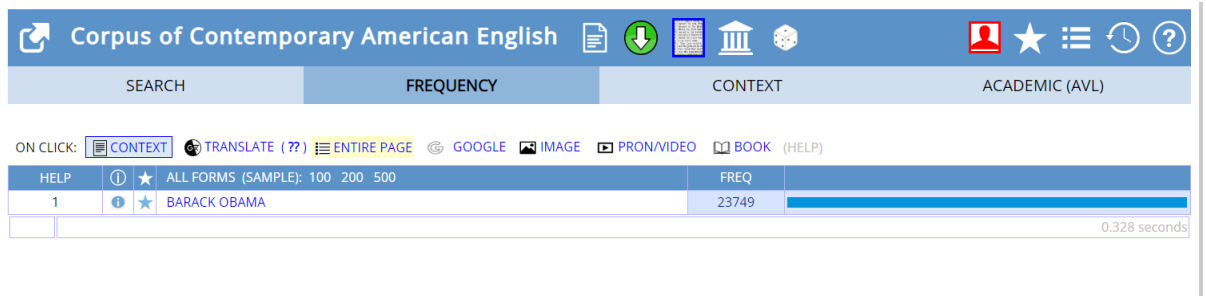
Word: Barack Obama

Inference after exploring the corpora for the given word-Barack Obama

From the frequency chart we can observe that there were no or very few instances wherein Barack Obama was mentioned from the year 1990 till 2004, however there was a steep increase from then when we he was in the run for becoming the president and was elected, there were mentions of his name in various domains like the news, web, talk shows, etc. We can also observe a slight decline in the frequency after his second term when a new president was elected. On using the collocate search the most frequent word is "President."



The frequency of the word Barack Obama is 23749



This chart displays the number of times or the frequency of the word "Barack Obama" occurs in various domains like blogs, magazines and the news and the chart on the right-hand side displays the frequency of the word for four-year intervals starting from 1990 till 2019.

Corpus of Contemporary American English

SEARCH | CHART | CONTEXT | ACADEMIC (AVL)

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	23749	5846	5719	115	7426	15	1777	2462	389	0	2	79	5338	3797	2968
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	23.92	45.45	46.03	0.90	58.87	0.13	14.09	20.22	3.25	0.00	0.02	0.63	43.38	30.78	24.18
SEE ALL SUB-SECTIONS AT ONCE															

The below image displays all the subsections at once

Corpus of Contemporary American English

SEARCH | CHART | CONTEXT | ACADEMIC (AVL)

Results for [BARACK OBAMA]
Click on a column heading to re-sort

Click on any section to see the word in context

	SECTION NAME	# PER MILLION	# TOKENS	# WORDS
2	2008	145.00	3492	24,082,614
3	2009	49.16	1184	24,082,494
4	2016	38.53	913	23,695,797
5	2011	31.17	799	25,636,361
6	2017	31.01	768	24,766,356
7	2010	29.94	721	24,082,934
8	2013	23.15	562	24,280,628
9	2007	22.44	554	24,690,690
10	2015	18.70	455	24,329,627
11	2014	17.31	417	24,087,093
12	2018	17.26	433	25,086,641
13	2019	16.00	399	24,934,657
14	2004	3.15	79	25,097,903
15	2006	2.99	75	25,064,550
16	2005	1.31	33	25,130,658
17	1999	0.08	2	25,293,970
18	2000	0.00	0	25,095,795
19	2001	0.00	0	24,446,361
20	2002	0.00	0	24,798,572
21	2003	0.00	0	25,185,875

Corpus of Contemporary American English

SEARCH | CHART | CONTEXT | ACADEMIC (AVL)

1	SPOK:FOX	232.15	2822	12,156,136
2	Web:News	126.35	1689	13,368,083
3	Blog:News	119.60	664	5,551,743
4	SPOK:NBC	91.70	966	10,534,065
5	NEWS:News_Natl	90.85	1047	11,524,314
6	Blog:Legal	56.74	24	423,009
7	Web:Arg	55.45	3048	54,970,418
8	Blog:Arg	52.52	3610	68,736,491
9	SPOK:ABC	52.14	1047	20,080,884
10	MAG:News/Opin	43.10	1193	27,676,740
11	Blog:Misc	42.30	1393	32,935,088
12	SPOK:PBS	39.32	445	11,316,824
13	SPOK:CBS	37.61	663	17,627,362
14	Web:Misc	37.51	607	16,183,490
15	SPOK:CNN	34.28	903	26,344,072
16	NEWS:Editorial	32.73	157	4,797,501
17	SPOK:NPR	24.59	559	22,735,899
18	NEWS:News_Local	22.28	308	13,824,312
19	NEWS:News_Intl	20.88	132	6,323,096
20	MAG:Afric-Amer	20.40	87	4,264,528
21	Blog:Fic	18.18	40	2,200,365
22	MAG:Women/Men	15.62	133	8,513,122
23	NEWS:Misc	15.53	493	31,741,733
24	Web:Legal	15.48	57	3,683,079

Collocates of the given word in various domains

Corpus of Contemporary American English

SEARCH | FREQUENCY | CONTEXT | ACADEMIC (AVL)

(SHUFFLE)

CLICK FOR MORE CONTEXT HELP SAVE TRANSLATE ANALYZE

1	2019	SPOK	NPR_Saturday	talk to two Democratic strategists. Sarada Peri is a former speechwriter for former President **Barack Obama**. Thanks for joining us. SARADA-PERI) : Th
2	2018	MAG	Fox News	# Dunford was picked as chairman of the Joint Chiefs in 2015 by former President **Barack Obama**. Trump nominated him for a second two-year term
3	2018	MAG	MarketWatch	It just has a political overtone to it. " # Arpaio called former President **Barack Obama**'s birth certificate fake. Trump often invoked the case of Saucier
4	2017	SPOK	Fox: First 100 Days	Party. They have the smallest congressional minority since 1929. It lost 60 under **Barack Obama**, lost 60 congressional seats, 1000 legislative seats, 3
5	2017	MAG	Business Insider	the first anniversary of the Iran nuclear deal with a warning to Trump # President **Barack Obama** is marking the first anniversary of the Iran nuclear c
6	2017	NEWS	The Seattle Times	# NEW YORK (AP) -- President Donald Trump's unsupported charge that predecessor **Barack Obama** had ordered wiretapping at Trump Tower has p
7	2016	SPOK	PBS_Newshour	down a few notches and, frankly, take the example of Donald Trump and **Barack Obama** and Joe Biden and Mike Pence and so many others, who are
8	2016	SPOK	PBS_Newshour	given the party's weakness and the direction of this campaign with those constituencies. **Barack Obama**, whatever else he has done, ascended -- ass
9	2016	MAG	Fortune	more than the number of Freedom of Information Act lawsuits filed in the entirety of **Barack Obama**'s presidency (2,609 cases), according to the FOI
10	2016	NEWS	Washington Times	' turnout is down 25 percent compared to their record-setting 2008 campaign, when then-candidate **Barack Obama** faced off against Hillary Clinton,
11	2016	NEWS	Dallas Morning News	4190360 # President **Barack Obama** has vowed to push for criminal justice reform in his final months in office
12	2016	NEWS	Omaha World-Herald	make lawmakers unsure about whether the new administration would follow in the footsteps of President **Barack Obama**'s administration and not c
13	2014	NEWS	STLouis	for this election and ran attack ads against targeted Democrats, tying them to President **Barack Obama**, higher taxes and the Affordable Care Act. Re
14	2014	ACAD	PolSciQuarterly	that they were on a first-name basis with " Rahm " Emmanuel (then President **Barack Obama**'s Chief of Staff) or " David " Axelrod (his chief political
15	2013	SPOK	CNN: Quest Means Business	State John Kerry. America's number one diplomat had to step in after President **Barack Obama** canceled his trip to Bali to deal with the government s
16	2013	NEWS	OrangeCR	big as elephants; and the six-level edible he was commissioned to bake for President **Barack Obama**'s inauguration last month. A dummy cake displa
17	2012	SPOK	Fox: Fox News Watch	criticized for going to the NAACP and using the word Obamacare, why isn't **Barack Obama** criticized for a southern accent? If we are going to talk abo
18	2012	NEWS	Denver	registered Republican, thinks the country is headed exactly the wrong way. # " **Barack Obama** is a total disaster, " he said. " Primarily, my vote
19	2012	WEB	patdollard.com	Beast blogger Andrew Sullivan, who seemed to take the ups and downs of President **Barack Obama**'s re-election campaign very personally, said in hi
20	2012	WEB	abcnews.go.com	' Remark PROVIDENCE, R.I. (AP) -- The wife of Democratic presidential contender **Barack Obama** sought Wednesday to clarify her comment that for t
21	2012	WEB	...miherald.typepad.com	days following Tuesday's election. His state was last in getting called for Pres. **Barack Obama**, long lines plagued polling sites in Miami-Dade, Browar

Comparison between two words: Barack Obama and Donald Trump.

Corpus of Contemporary American English

SEARCH | FREQUENCY | CONTEXT | ACADEMIC (AVL)

SEE CONTEXT: CLICK ON NUMBERS (WORD 1 OR 2) [HELP...]

SORTED BY FREQUENCY: CHANGE TO RATIO

WORD 1 (W1): **BARACK OBAMA** (1.00)

	WORD	W1	W2	W1/W2	SCORE
1	,	8312	8312	1.0	1.0
2	.	7254	7254	1.0	1.0
3	PRESIDENT	7004	7008	1.0	1.0
4	THE	5438	5438	1.0	1.0
5	AND	4252	4252	1.0	1.0
6	TO	3839	3839	1.0	1.0
7	'S	3459	3459	1.0	1.0
8	OF	3024	3024	1.0	1.0
9	THAT	2718	2718	1.0	1.0
10	IS	2570	2570	1.0	1.0
11	A	2470	2470	1.0	1.0
12	IN	2308	2308	1.0	1.0
13	FOR	1934	1934	1.0	1.0
14	"	1751	1751	1.0	1.0
15	WAS	1454	1454	1.0	1.0
16	HAS	1305	1305	1.0	1.0
17	:	1204	1205	1.0	1.0
18	ON	1114	1114	1.0	1.0
19	WITH	1063	1063	1.0	1.0
20	HIS	983	983	1.0	1.0
21	HE	938	938	1.0	1.0
22	I	924	924	1.0	1.0

WORD 2 (W2): **DONALD TRUMP** (1.00)

	WORD	W2	W1	W2/W1	SCORE
1	,	8312	8312	1.0	1.0
2	.	7254	7254	1.0	1.0
3	PRESIDENT	7008	7004	1.0	1.0
4	THE	5438	5438	1.0	1.0
5	AND	4252	4252	1.0	1.0
6	TO	3839	3839	1.0	1.0
7	'S	3459	3459	1.0	1.0
8	OF	3024	3024	1.0	1.0
9	THAT	2718	2718	1.0	1.0
10	IS	2570	2570	1.0	1.0
11	A	2470	2470	1.0	1.0
12	IN	2308	2308	1.0	1.0
13	FOR	1934	1934	1.0	1.0
14	"	1751	1751	1.0	1.0
15	WAS	1454	1454	1.0	1.0
16	HAS	1305	1305	1.0	1.0
17	:	1205	1204	1.0	1.0
18	ON	1114	1114	1.0	1.0
19	WITH	1063	1063	1.0	1.0
20	HIS	983	983	1.0	1.0
21	HE	938	938	1.0	1.0
22	I	924	924	1.0	1.0