

CMPE493 – Information Retrieval – Assignment4

Fall'21
Meltem Arslan
2016400117

(i)Top 50 people & PageRank scores:

reagan -> 0.06395675949471641
james-baker -> 0.02112072571781766
nakasone -> 0.015803550294168037
thatcher -> 0.01314893258008042
lyng -> 0.01120786144075326
stoltenberg -> 0.011061684380787107
Weinberger -> 0.009864797936980411
volcker -> 0.00970100931223401
howard-baker -> 0.009050916650796242
yeutter -> 0.008711627154500214
Gorbachev -> 0.008248373625787071
greenspan -> 0.008042882266048155
miyazawa -> 0.0072984059114028985
Gephardt -> 0.007291066708282384
kohl -> 0.006663901406748365
poehl -> 0.006505604139775324
shultz -> 0.005882944917486215
ozal -> 0.005558198918067676
balladur -> 0.005236300192839319
Howard -> 0.005103235370773784
chirac -> 0.005052889200530695
lawson -> 0.00462977037883918
suharto -> 0.004627936524986595
papandreou -> 0.004476942466386912
Fitzwater -> 0.0044469050295626615
Abe -> 0.004252683374513901
Mulroney -> 0.00416020271213043
bush -> 0.004128317246933885
sumita -> 0.0037956468181078572
Roosevelt -> 0.0037367000954749347
Moore -> 0.003697508978296783
Carter -> 0.0035999674180556785
Ruder -> 0.0035917645053621474
Schneider -> 0.003550341159207086
honda -> 0.0035364168837434657
Bentsen -> 0.003508239160238639
saddam-hussein -> 0.0035008509774408446
tamura -> 0.0034231611527991024
Schlesinger -> 0.0033662371358336453

Cochran -> 0.0032922505096964192
john-paul -> 0.003230477819503525
Leahy -> 0.0032093676704568314
Byrd -> 0.0031946377857788783
Kuranari -> 0.0031857050379643414
keating -> 0.003171837148293315
Reid -> 0.003145642964977557
Nixon -> 0.0031338307905788756
Foley -> 0.003110203951660875
Yamamoto -> 0.0030708721782433967
sprinkel -> 0.003021777855820746

The results make sense because in 1987, stock markets prices decreased dramatically in a day (Black Monday), and also cold war was still continuing. In our results, the names are generally politician names who had a great impact on that years' political and economic state. Also, the items in the site below showing the important events that happened in 1987 are consistent with some of our results.

World Events

- William Buckley, American hostage in [Lebanon](#), reported slain (Jan. 20).
- [Iraqi](#) missiles kill 37 in attack on US frigate *Stark* in [Persian Gulf](#) (May 17); Iraqi president [Hussein](#) apologizes (May 18).
- Prime Minister [Thatcher](#) wins rare third term in [Britain](#) (June 11).
- [Klaus Barbie](#), 73, [Gestapo](#) wartime chief in Lyon, sentenced to life by [French](#) court for war crimes (July 4).

<https://www.infoplease.com/year/1987>

In 1987:

Reagan -> the US president

James Baker -> the Treasury Secretary (Black Monday, stock market crash)

Nakasone -> the Prime Minister of Japan

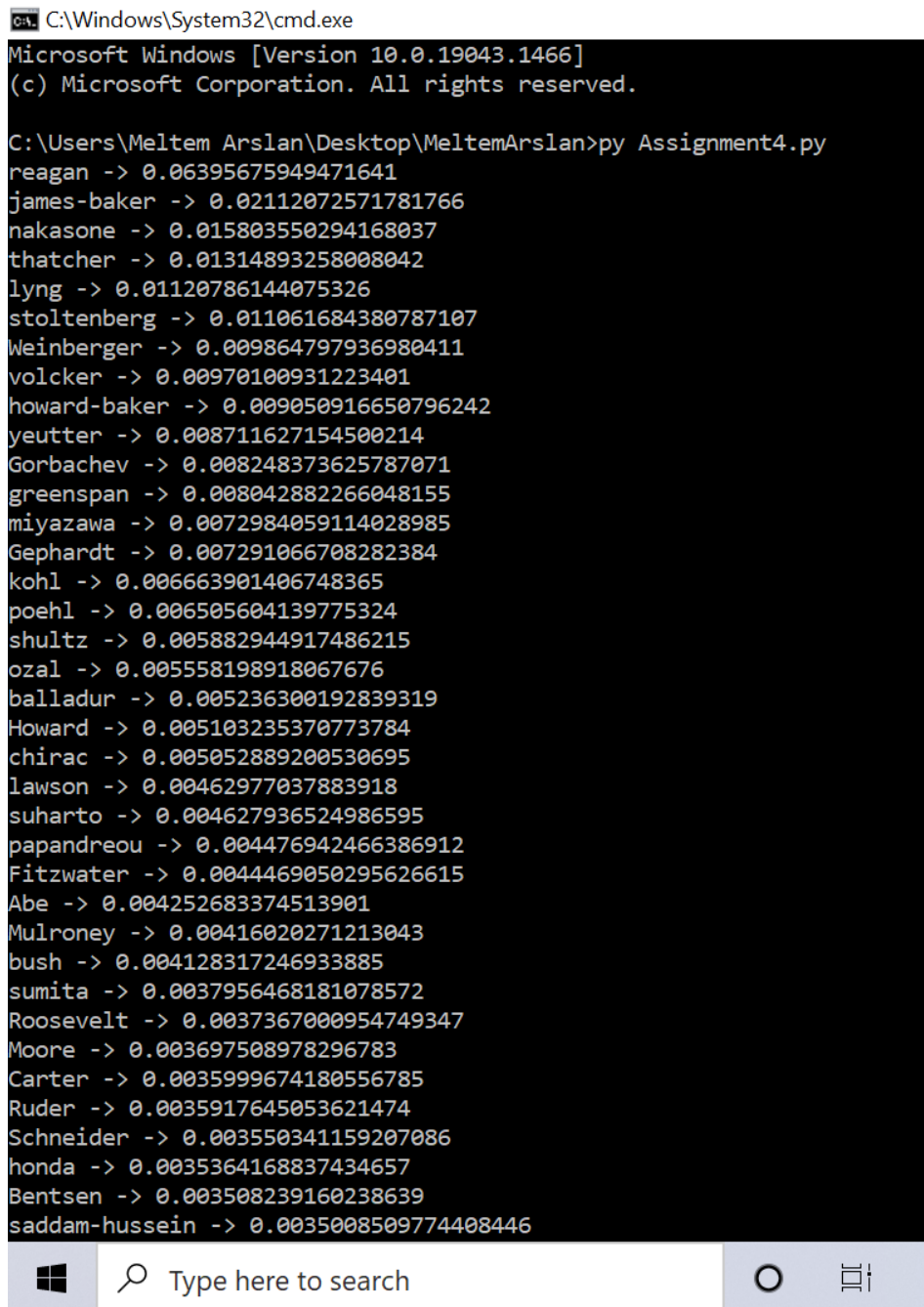
Thatcher -> the Prime Minister of the UK

Weinberger -> Implications of normal brain development for the pathogenesis of schizophrenia

(ii) Screenshots:

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19043.1466]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Meltem Arslan\Desktop\MeltemArslan>py Assignment4.py
reagan -> 0.06395675949471641
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```

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C:\Users\Meltem Arslan\Desktop\MeltemArslan>
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