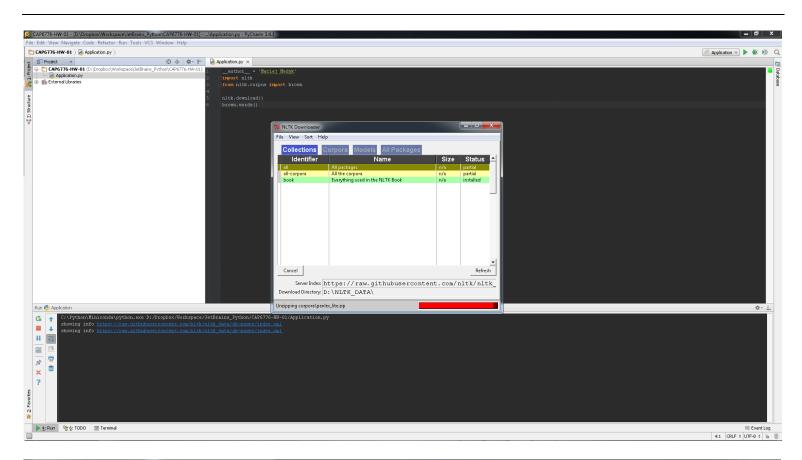
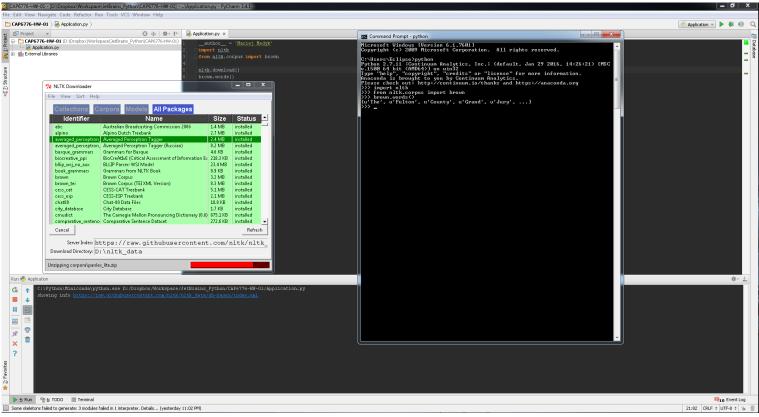
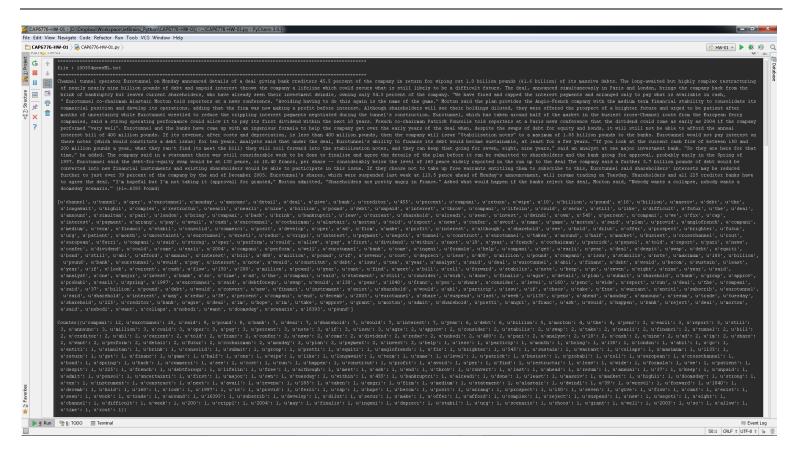
Maciej Medyk - CAP6776 - Information Retrieval

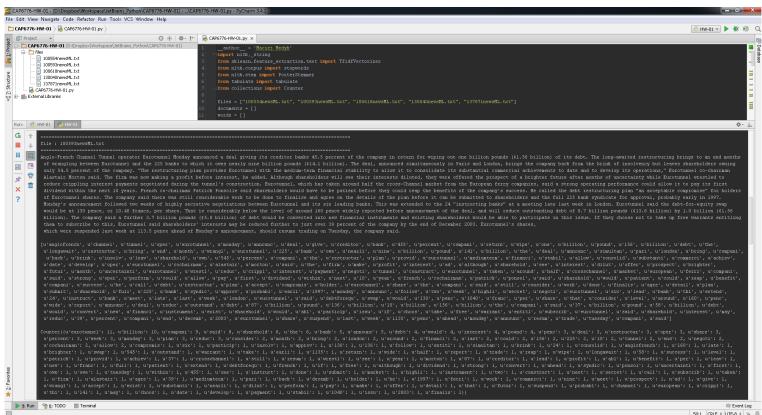
Question 1 - [3.00pt] - Install Python II and NLTK

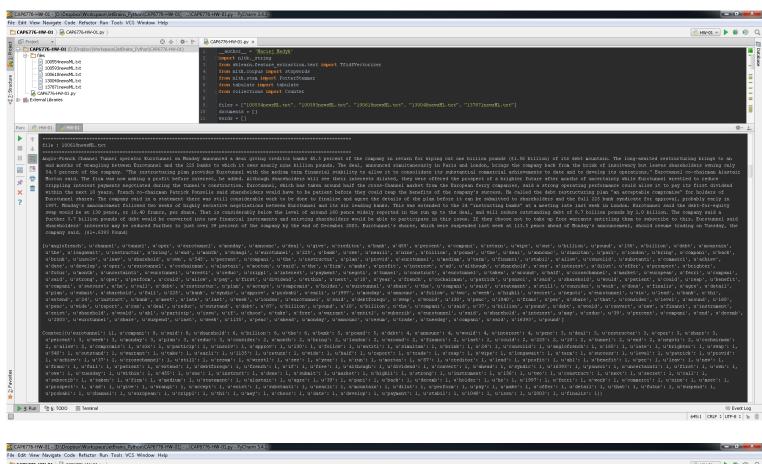


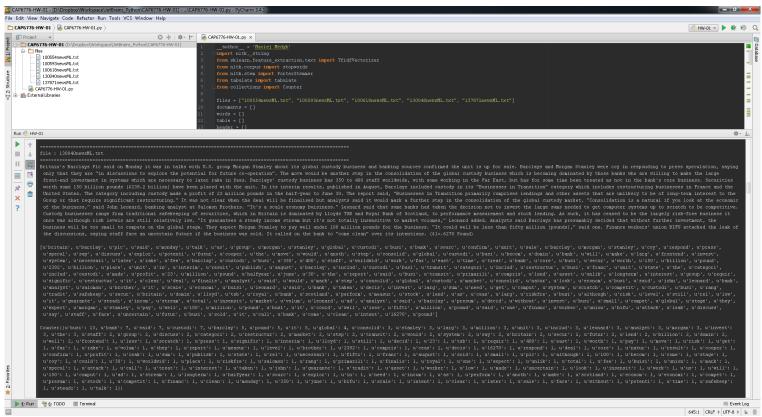


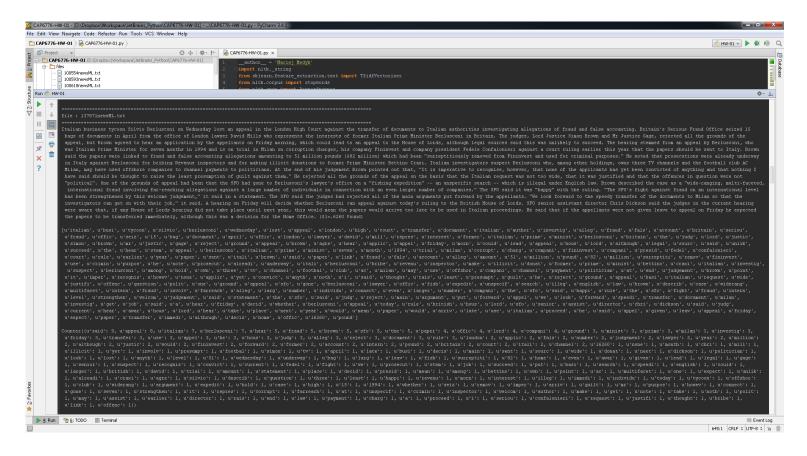
Question 2 - [5.00pt] - Tokenize the documents into words, remove stop words, and conduct performing



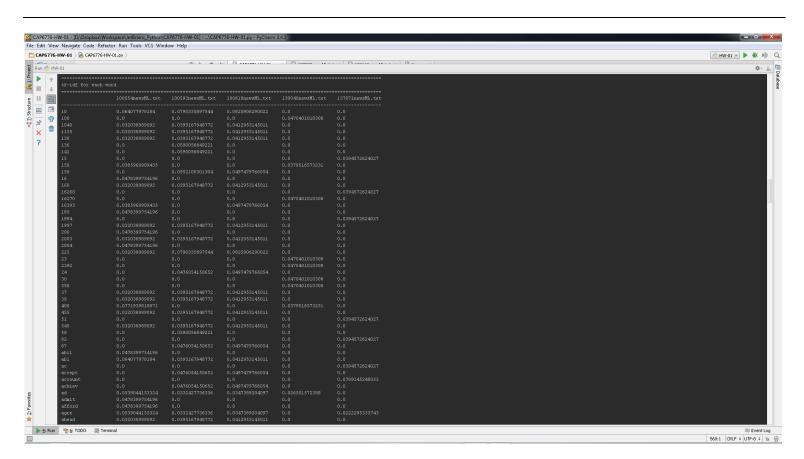




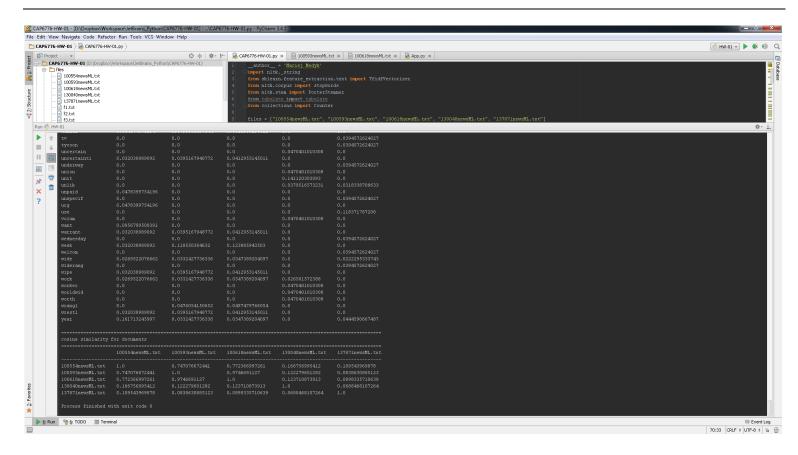




Question 3 – [7.00pt] – Calculate TF-IDF for each word in each document and generate document-word matrix



Question 4 – [5.00pt] – Calculate pairwise cosine similarity for the documents



Addendum - Full program output

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commond numeral generator Recommend on Manday assumented decalls of a deal giving head recolitors 45.5 generate of the company in entern for wiping out 1.0 billion pounds (61.6 billion) of its measure delta. The long-seekted but highly complex centrouturins of seemly seemly aims billion pounds of debt and unpend interest phronts the company in lifeline which could secure what is still likely to be a difficult turn for the deal, assumed seemly in ratio and bondon, brings the company back from the brink of bankruptcy but leaves current shareholders, who have already seen their investment dwindle, owning only 34.5 percent of the company back from the brink of bankruptcy but leaves current shareholders, who have already seen their investment dwindle, owning only 34.5 percent of the company back from the brink of bankruptcy but leaves current shareholders, who have already seen their investment dwindle, owning only 34.5 percent of the company back from the brink of bankruptcy but leaves current shareholders will be considered to be a seen to be a
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Anglo-French Channel Tunnel operator Eurotunnel Monday announced a deal giving its creditor banks 45.5 percent of the company in return for wiping out one billion pounds (\$1.56 billion) of its debt. The long-awaited restructuring brings to an end months of wrangling between Eurotunnel and the 225 banks to which it owes nearly nine billion pounds (\$14.1 billion). The deal, announced simultaneously in Paris and London, brings the company back from the brink of insolvency but leaves shareholders owning only 54.5 percent of the company. "The restructuring plan provides Eurotunnel with the medium-term financial stability to allow it to consolidate its substantial commercial achievements to date and to develop its operations," Eurotunnel co-chairman Alastair Morton said. The firm was now making a profit before interest, he added. Although shareholders will see their interests diluted, they were offered the prospect of a brighter future after months of uncertainty while Eurotunnel wrestled to reduce crippling interest payments negotiated during the tunnel's construction. Eurotunnel, which has taken around half the cross-Channel market from the European ferry companies, said a strong operating performance could allow it to pay its first dividend within the next 10 years. French co-chairman Patrick Ponsolle said shareholders would have to be patient before they could reap the benefits of the company's success. He called the debt restructuring plan "an acceptable compromise" for holders of Eurotunnel shares. The company said there was still considerable work to be done to finalise and agree on the details of the plan before it can be submitted to shareholders and the full 225 bank syndicate for approval, probably early in 1997. Monday's announcement followed two weeks of highly secretive negotiations between Eurotunnel and its six leading banks. This was extended to the 24 "instructing banks" at a meeting late last week in London. Eurotunnel said the debt-for-equity swap would be at 130 pence, or 10.40 francs, per share.

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Anglo-French Channel Tunnel operator Eurotunnel on Monday announced a deal giving creditor banks 45.5 percent of the company in return for wiping out one billion pounds (\$1.56 billion) of its debt mountain. The long-awaited restructuring brings to an end months of wrangling between Eurotunnel and the 225 banks to which it owes nearly nine billion pounds. The deal, announced simultaneously in Paris and London, brings the company back from the brink of insolvency but leaves shareholders owning only 54.5 percent of the company. "The restructuring plan provides Eurotunnel with the medium term financial stability to allow it to consolidate its substantial commercial achievements to date and to develop its operations," Eurotunnel co-chairman Alastair Morton said. The firm was now making a profit before interest, he added. Although shareholders will see their interests diluted, they were offered the prospect of a brighter future after months of uncertainty while Eurotunnel wrestled to reduce crippling interest payments negotiated during the tunnel's construction. Eurotunnel, which has taken around half the cross-channel market from the European ferry companies, said a strong operating performance could allow it to pay its first dividend within the next 10 years. French co-chairman Patrick Ponsolle said shareholders would have to be patient before they could reap the benefits of the company's success. He called the debt restructuring plan "an acceptable compromise" for holders of Eurotunnel shares. The company said in a statement there was still considerable work to be done to finalise and agree the details of the plan before it can be submitted to shareholders and the full 225 bank syndicate for approval, probably early in 1997. Monday's announcement followed two weeks of highly secretive negotiations between Eurotunnel and its six leading banks. This was extended to the 24 "instructing banks" at a meeting late last week in London. Eurotunnel said the debt-for-equity swap would be at 130 pence, or 10.40 francs, per sh

shareholders' interests may be reduced further to just over 39 percent of the company by the end of December 2003. Eurotunnel's shares, which were suspended last week at 113.5 pence ahead of Monday's announcement, should resume trading on Tuesday, the company said. (\$1=.6393 Pound)

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Britain's Barclays Plc said on Monday it was in talks with U.S. group Morgan Stanley about its global custody business and banking sources confirmed the unit is up for sale. Barclays and Morgan Stanley were coy in responding to press speculation, saying only that they are "in discussions to explore the potential for future co-operation". The move would be another step in the consolidation of the global custody business which is becoming dominated by those banks who are willing to make the large front-end investment in systems which are necessary to later rake in fees. Barclays' custody business has 350 to 400 staff worldwide, with some working in the Far East, but has for some time been treated as not in the bank's core business. Securities worth some 150 billion pounds (8239.2 billion) have been placed with the unit. In its interim results, published in August, Barclays included custody in its "Businesses in Transition" category which includes restructuring businesses in France and the United States. The category including custody made a profit of 23 million pounds in the half-year to June 30. The report said, "Businesses in Transition primarily comprises lendings and other assets that are unlikely to be of long-term interest to the Group or that require significant restructuring." It was not clear when the deal will be finalised but analysts said it would mark a further step in the consolidation of the global custody market. "Consolidation is a natural if you look at the economic of the business," said John Leonard, banking analyst at Salomon Brothers. "It's a scale economy buisiness." Leonard said that some banks had taken the decision not to invest the large sums needed to get computer systems up to scratch to be competitive. Custody businesses range from traditional safekeeping of securities, which in Britain is dominated by Lloyds TSB and Royal Bank of Scotland, to performance measurement and stock lending. As such, it has ceased to be the largely risk-free business it once was although risk levels are st

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Italian business tycoon Silvio Berlusconi on Wednesday lost an appeal in the London High Court against the transfer of documents to Italian authorities investigating allegations of fraud and false accounting. Britain's Serious Fraud Office seized 15 bags of documents in April from the office of London lawyer David Mills who represents the interests of former Italian Prime Minister Berlusconi in Britain. The judges, Lord Justice Simon Brown and Mr Justice Gage, rejected all the grounds of the appeal, but Brown agreed to hear an application by the appellants on Friday morning, which could lead to an appeal to the House of Lords, although legal sources said this was unlikely to succeed. The hearing stemmed from an appeal by Berlusconi, who was Italian Prime Minister for seven months in 1994 and is on trial in Milan on corruption charges, his company Fininvest and company president Fedele Confalonieri against a court ruling earlier this year that the papers should be sent to Italy. Brown said the papers were linked to fraud and false accounting allegations amounting to 51 million pounds (S82 million) which had been "surreptitiously removed from Fininvest and used for criminal purposes." He noted that prosecutions were already underway in Italy against Berlusconi for bribing Revenue inspectors and for making illicit donations to former Prime Minister Bettino Craxi. Italian

investigators suspect Berlusconi who, among other holdings, owns three TV channels and the football club AC Milan, may have used offshore companies to channel payments to politicians. At the end of his judgement Brown pointed out that, "It is imperative to recognise, however, that none of the applicants has yet been convicted of anything and that nothing I have said should be thought to raise the least presumption of guilt against them." He rejected all the grounds of the appeal on the basis that the Italian request was not too wide, that it was justified and that the offences in question were not "political". One of the grounds of appeal had been that the SFO had gone to Berlusconi's lawyer's office on a "fishing expedition" -- an unspecific search -- which is illegal under English law. Brown described the case as a "wide-ranging, multi-faceted, international fraud involving far-reaching allegations against a large number of individuals in connection with an even larger number of companies." The SFO said it was "happy" with the ruling. "The SFO's fight against fraud on an international level has been strengthened by this welcome judgement," it said in a statement. The SFO said the judges had rejected all of the main arguments put forward by the appellants. "We look forward to the speedy transfer of the documents to Milan so that the investigators can get on with their job," it said. A hearing on Friday will decide whether Berlusconi can appeal against today's ruling to the British House of Lords. SFO senior assistant director Chris Dickson said the judges in the current hearing were aware that, if any House of Lords hearing did not take place until next year, this would mean the papers would arrive too late to be used in Italian proceedings. He said that if the appellants were not given leave to appeal on Friday he expected the papers to be transferred immediately, although this was a decision for the Home Office. (\$1=.6260 Pound)

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frontend				0.0470401010308	0.0
futur	0.0539044153324	0.0332427736336	0.0347389204097	0.053003144776	0.0
gage game	0.0 0.0478399754196	0.0		0.0	0.0394572624027 0.0
given	0.0	0.0	0.0	0.0	0.0394572624027
global				0.188160404123	0.0
gone	0.0 0.0478399754196	0.0	0.0	0.0	0.0394572624027 0.0
grant ground	0.0476399734196				0.118371787208
group	0.0385969909435			0.0759033146463	0.0
guarante				0.0470401010308	0.0 0.0394572624027
guilt half	0.0 0.032038989092	0.0 0.0395167948772	0.0 0.0412953145011	0.0	0.0
halfyear				0.0470401010308	0.0
happen happi	0.0478399754196 0.0				0.0 0.0394572624027
happi hear					0.197286312013
help	0.0478399754196				0.0
high	0.0 0.032038989092	0.0 0.0395167948772	0.0 0.0412953145011	0.0	0.0394572624027
highli hold	0.0385969909435	0.0393167946772	0.0412933143011		0.0 0.0318338708633
holder		0.0476054150652	0.0497479766054		0.0
home	0.0 0.0478399754196	0.0			0.0394572624027
hope hous	0.04/8399/54196				0.0 0.118371787208
howev					0.0394572624027
illeg illicit	0.0	0.0	0.0	0.0	0.0394572624027 0.0394572624027
im	0.0956799508391				0.0
immedi					0.0394572624027
imper includ	0.0	0.0	0.0	0.0 0.141120303093	0.0394572624027 0.0
incom				0.0470401010308	0.0
individu					0.0394572624027
ingeni insensit	0.0478399754196 0.0	0.0	0.0	0.0 0.0470401010308	0.0 0.0
insensit insolv		0.0476054150652	0.0497479766054	0.04/0401010308	0.0
inspector					0.0394572624027
instruct instrument	0.0 0.032038989092	0.0476054150652 0.0395167948772	0.0497479766054 0.0412953145011	0.0	0.0 0.0
intent	0.032036969092	0.0393107948772	0.0	0.0470401010308	0.0
interim				0.0470401010308	0.0
intern invest	0.0 0.0771939818871	0.0	0.0	0.0 0.113854971969	0.0789145248053 0.0
invest investig	0.0			0.1138549/1969	0.0 0.118371787208
involv					0.0394572624027
issu itali	0.096116967276 0.0	0.0395167948772 0.0	0.0412953145011 0.0	0.0	0.0 0.0789145248053
italian					0.276200836819
job					0.0394572624027
john judg	0.0	0.0	0.0	0.0470401010308 0.0	0.0 0.118371787208
judg judgement					0.0789145248053
june				0.0470401010308	0.0
justic justifi					0.0789145248053 0.0394572624027
Justifi larg	0.0	0.0	0.0	0.0 0.113854971969	0.03945/262402/ 0.0318338708633
larger					0.0394572624027
late		0.0395167948772	0.0412953145011	0.0	0.0264249884878
later	0.0	0.0	0.0	0.0470401010308	0.0

1	0 0	0.0	0.0	0.0	0.0004570504007
law lawyer	0.0 0.0	0.0 0.0	0.0 0.0	0.0	0.0394572624027 0.0789145248053
lead		0.0395167948772	0.0412953145011		0.0264249884878
leak		0.0	0.0	0.0470401010308	0.0
leav legal	0.0269522076662 0.0	0.0332427736336 0.0	0.0347389204097 0.0	0.0	0.0222295333743 0.0394572624027
lend				0.0940802020617	0.0
leonard	0.0	0.0	0.0	0.141120303093	0.0
level lifelin	0.022796004616 0.0478399754196	0.0281165250203 0.0	0.0293819563807 0.0	0.022414860184 0.0	0.0188015969485 0.0
like	0.0478399754196				0.0
link				0.0	0.0394572624027
lloyd london	0.0 0.0269522076662	0.0 0.0664855472672	0.0 0.0694778408194	0.0470401010308 0.0	0.0 0.0444590667487
longawait	0.032038989092	0.0395167948772	0.0412953145011	0.0	0.0
longterm				0.0470401010308	0.0
look lord	0.032038989092 0.0	0.0 0.0	0.0 0.0	0.0315033038917 0.0	0.0264249884878 0.157829049611
lost					0.0394572624027
low				0.0470401010308	0.0
main major	0.0 0.0478399754196	0.0 0.0	0.0 0.0	0.0	0.0394572624027 0.0
make	0.022796004616	0.0281165250203	0.0293819563807	0.022414860184	0.0188015969485
mark			0.0	0.0470401010308	0.0
market massiv	0.0269522076662 0.0478399754196	0.0332427736336 0.0	0.0347389204097 0.0	0.053003144776 0.0	0.0 0.0
maximum	0.0478399754196				0.0
mean				0.0	0.0394572624027
measur medium	0.0 0.0385969909435	0.0 0.0	0.0 0.0497479766054	0.0470401010308 0.0	0.0 0.0
mediumterm		0.0590056849221			0.0
meet	0.032038989092	0.0395167948772	0.0412953145011		0.0
milan million	0.0 0.096116967276	0.0 0.0	0.0 0.0	0.0 0.0945099116751	0.118371787208 0.0528499769756
minist					0.118371787208
monday	0.0539044153324	0.0997283209007	0.104216761229	0.026501572388	0.0
month morgan	0.0269522076662 0.0	0.0664855472672 0.0	0.0694778408194 0.0	0.0 0.141120303093	0.0222295333743 0.0
morgan				0.141120303093	0.0394572624027
morton	0.128155956368	0.0395167948772	0.0412953145011		0.0
mountain mr	0.0 0.0	0.0 0.0	0.0616613347257 0.0	0.0	0.0 0.0394572624027
multifacet					0.0394572624027
natur				0.0470401010308	0.0
nearli	0.064077978184 0.0	0.0395167948772 0.0	0.0412953145011 0.0	0.0 0.0470401010308	0.0 0.0
necessari need	0.0	0.0	0.0	0.0470401010308	0.0
negoti	0.032038989092	0.0790335897544	0.0825906290022		0.0
new	0.032038989092	0.0395167948772	0.0412953145011		0.0 0.0
news nobodi	0.0956799508391 0.0956799508391	0.0 0.0	0.0 0.0	0.0	0.0
note	0.115790972831				0.0318338708633
noth					0.0394572624027
number offenc	0.0 0.0	0.0	0.0 0.0	0.0	0.0789145248053 0.0394572624027
offer	0.032038989092	0.0395167948772	0.0412953145011		0.0
offic					0.157829049611
offshor oper	0.0 0.096116967276	0.0 0.118550384632	0.0 0.123885943503	0.0	0.0394572624027 0.0
outstand		0.0476054150652	0.0497479766054		0.0
owe		0.0476054150652	0.0497479766054		0.0
paper pari	0.0 0.064077978184	0.0 0.0395167948772	0.0 0.0412953145011	0.0	0.157829049611 0.0
particip	0.032038989092	0.0395167948772	0.0412953145011		0.0
patient	0.032038989092	0.0395167948772	0.0412953145011		0.0
patrick pay	0.032038989092 0.0808566229986	0.0395167948772 0.0332427736336	0.0412953145011 0.0347389204097	0.0 0.026501572388	0.0 0.0
payment	0.0539044153324	0.0332427736336	0.0347389204097		0.0222295333743
penc	0.096116967276	0.118550384632	0.123885943503		0.0
percent perform	0.096116967276 0.0539044153324	0.118550384632 0.0332427736336	0.123885943503 0.0347389204097	0.0 0.026501572388	0.0 0.0
place				0.0379516573231	0.0318338708633
plan	0.064077978184	0.118550384632	0.123885943503	0.0	0.0
plc point	0.0 0.0	0.0 0.0	0.0 0.0	0.0470401010308 0.0	0.0 0.0394572624027
polit	0.0				0.0394572624027
politician	0.0	0.0 0.0395167948772	0.0		0.0394572624027
ponsol posit	0.032038989092 0.0478399754196	0.0395167948772	0.0412953145011 0.0	0.0	0.0 0.0
potenti				0.0470401010308	0.0
pound	0.182368036928	0.112466100081	0.146909781904	0.11207430092	0.037603193897
presid press	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0470401010308	0.0394572624027 0.0
presum				0.0470401010308	0.0
presumpt					0.0394572624027
pretti primarili	0.0478399754196 0.0	0.0 0.0	0.0 0.0	0.0 0.0470401010308	0.0 0.0
primarii prime				0.0	0.118371787208
probabl	0.032038989092	0.0395167948772	0.0412953145011		0.0
proceed profit	0.0 0.0269522076662	0.0 0.0332427736336	0.0 0.0347389204097	0.0 0.026501572388	0.0394572624027 0.0
prosecut	0.0209322076662	0.0332427736336	0.0347389204097	0.026301372368	0.0394572624027
prospect	0.032038989092	0.0395167948772	0.0412953145011		0.0
provid publish	0.032038989092 0.0	0.0395167948772 0.0	0.0412953145011 0.0	0.0 0.0470401010308	0.0 0.0
purpos				0.0	0.0394572624027
question					0.0394572624027
rais rake	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0470401010308	0.0394572624027 0.0
rang				0.0470401010308	0.0
reap		0.0476054150652	0.0497479766054		0.0
recognis reduc	0.0 0.064077978184	0.0 0.118550384632	0.0 0.123885943503	0.0	0.0394572624027 0.0
reject	0.0385969909435	0.118330384632	0.123883943303		0.09550161259
rel				0.0470401010308	0.0
remov	0.0 0.0808566229986	0.0 0.0332427736336	0.0 0.0347389204097	0.0 0.026501572388	0.0394572624027 0.0
report repres	0.0	0.0332427736336	0.0347389204097	0.026301372366	0.0394572624027
request					0.0394572624027
requir	0.0	0.0	0.0	0.0470401010308	0.0

reamend	0.0	0.0	0.0	0.0470401010308	0.0
respond restructur	0.0269522076662	0.0997283209007	0.104216761229	0.053003144776	0.0
result resum	0.0 0.032038989092	0.0 0.0395167948772	0.0 0.0412953145011	0.0470401010308 0.0	0.0 0.0
return	0.032038989092	0.0395167948772	0.0412953145011		0.0
revenu risk	0.0385969909435 0.0	0.0		0.0 0.0470401010308	0.0318338708633 0.0
riskfre				0.0470401010308	0.0
roll rout	0.0478399754196 0.0478399754196				0.0 0.0
royal rule	0.0	0.0	0.0	0.0470401010308 0.0	0.0 0.118371787208
run	0.0385969909435		0.0497479766054		0.0
safekeep said	0.0 0.205164041544	0.0 0.224932200162	0.0 0.235055651046	0.0470401010308 0.156904021288	0.0 0.169214372536
sale				0.0470401010308	0.0
salomon say				0.0470401010308 0.0940802020617	0.0 0.0
scale	0.0 0.0478399754196	0.0	0.0 0.0	0.0470401010308 0.0	0.0 0.0
scenario scotland	0.0			0.0470401010308	0.0
scratch search	0.0	0.0	0.0	0.0470401010308 0.0	0.0 0.0394572624027
secret		0.0476054150652	0.0497479766054		0.0
secur seen	0.0385969909435 0.0478399754196			0.0759033146463 0.0	0.0 0.0
seiz	0.0 0.0	0.0 0.0		0.0 0.0	0.0394572624027 0.0394572624027
senior sent					0.0394572624027
seriou seven	0.0 0.0385969909435	0.0	0.0	0.0	0.0394572624027 0.0318338708633
sfo					0.197286312013
share sharehold	0.064077978184 0.224272923644	0.118550384632 0.237100769263	0.123885943503 0.247771887006		0.0 0.0
signific				0.0470401010308	0.0
silvio simon					0.0394572624027 0.0394572624027
simultan	0.032038989092 0.0	0.0395167948772 0.0	0.0412953145011 0.0	0.0 0.0470401010308	0.0 0.0
small sold				0.0470401010308	0.0
sourc specul	0.0	0.0	0.0	0.0379516573231 0.0470401010308	0.0318338708633 0.0
speedi					0.0394572624027
spring stabil	0.0478399754196 0.032038989092	0.0 0.0395167948772	0.0 0.0412953145011	0.0	0.0 0.0
stabilis	0.0956799508391				0.0
staff stage				0.0940802020617 0.0470401010308	0.0 0.0
stanley state	0.0	0.0	0.0	0.141120303093 0.0470401010308	0.0 0.0
statement	0.032038989092		0.0412953145011		0.0264249884878
steadi stem	0.0	0.0	0.0	0.0470401010308 0.0	0.0 0.0394572624027
step				0.0940802020617	0.0
stock stream	0.0	0.0		0.0470401010308 0.0470401010308	0.0 0.0
strengthen					0.0394572624027
strong submit	0.032038989092 0.032038989092	0.0395167948772 0.0395167948772	0.0412953145011 0.0412953145011		0.0 0.0
subscrib substanti	0.032038989092	0.0395167948772 0.0476054150652	0.0412953145011 0.0497479766054	0.0	0.0 0.0
succeed		0.0476034130632			0.0394572624027
success sum	0.0	0.0476054150652 0.0	0.0497479766054 0.0	0.0 0.0470401010308	0.0 0.0
surreptiti					0.0394572624027
suspect suspend	0.0 0.032038989092	0.0 0.0395167948772	0.0 0.0412953145011	0.0	0.0394572624027 0.0
sustain	0.0478399754196 0.064077978184	0.0 0.0395167948772	0.0 0.0412953145011		0.0
swap syndic	0.0	0.0393167946772	0.0412933143011		0.0 0.0
taken talk	0.0269522076662 0.0	0.0332427736336 0.0	0.0347389204097 0.0	0.026501572388 0.0470401010308	0.0 0.0
term	0.0385969909435		0.0497479766054		0.0
thought throw	0.0 0.0478399754196	0.0		0.0	0.0394572624027 0.0
time	0.0385969909435				0.0
today told	0.0			0.0379516573231	0.0
1014	0.0956799508391				0.0 0.0394572624027 0.0
total	0.0956799508391 0.0			0.0 0.0 0.0470401010308	0.0 0.0394572624027 0.0 0.0
total trade tradit	0.0956799508391 0.0 0.032038989092 0.0	0.0 0.0 0.0395167948772 0.0	0.0 0.0 0.0 0.0412953145011 0.0	0.0 0.0 0.0470401010308 0.0 0.0470401010308	0.0 0.0394572624027 0.0 0.0 0.0 0.0
total trade	0.0956799508391 0.0 0.032038989092	0.0 0.0 0.0395167948772	0.0 0.0 0.0 0.0412953145011	0.0 0.0 0.0470401010308 0.0	0.0 0.0394572624027 0.0 0.0 0.0
total trade tradit transfer transit treat	0.0956799508391 0.0 0.032038989092 0.0 0.0 0.0	0.0 0.0 0.0395167948772 0.0 0.0 0.0	0.0 0.0 0.0 0.0412953145011 0.0 0.0 0.0	0.0 0.0 0.0470401010308 0.0 0.0470401010308 0.0 0.0940802020617 0.0470401010308	0.0 0.0394572624027 0.0 0.0 0.0 0.0 0.118371787208 0.0
total trade tradit transfer transit treat trial tsb	0.0956799508391 0.0 0.032038989092 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0395167948772 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0412953145011 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0470401010308 0.0 0.0470401010308 0.0 0.0940802020617 0.0470401010308 0.0 0.0470401010308	0.0 0.0394572624027 0.0 0.0 0.0 0.0 0.118371787208 0.0 0.0 0.0 0.0
total trade tradit transfer transit treat trial trsb tuesday	0.0956799508391 0.0 0.032038989092 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0395167948772 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0412953145011 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0470401010308 0.0 0.0470401010308 0.0 0.0940802020617 0.0470401010308 0.0 0.0470401010308	0.0 0.0394572624027 0.0 0.0 0.0 0.0 0.118371787208 0.0 0.0 0.0 0.0394572624027 0.0
total trade trade transfer transit treat trial tsb tuesday tunnel tv	0.0956799508391 0.0 0.032038989092 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0.0 0.0 0.0395167948772 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0395167948772 0.0790335897544	0.0 0.0 0.0412953145011 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0470401010308 0.0 0.0470401010308 0.0 0.0940802020617 0.0470401010308 0.0 0.0470401010308 0.0 0.0	0.0 0.0394572624027 0.0 0.0 0.0 0.0 0.118371787208 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
total trade tradit transfer transit treat trial tsb tuesday tunnel	0.0956799508391 0.0 0.032038989092 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0395167948772 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0412953145011 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0470401010308 0.0 0.0470401010308 0.0 0.0940802020617 0.0470401010308 0.0 0.0470401010308 0.0	0.0 0.0394572624027 0.0 0.0 0.0 0.0 0.118371787208 0.0 0.0 0.0394572624027 0.0 0.0
total trade tradit transfer transit treat trial tsb tuesday tunnel tv tycoon uncertain uncertainti	0.0956799508391 0.0 0.032038989092 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0.0 0.0 0.0395167948772 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0.0 0.0 0.0412953145011 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0470401010308 0.0 0.0470401010308 0.0 0.0940802020617 0.0470401010308 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0394572624027 0.0 0.0 0.0 0.0 0.118371787208 0.0 0.0 0.0 0.0 0.0 0.0394572624027 0.0394572624027 0.0394572624027 0.0394572624027
total trade trade transit treat trial tsb tuesday tunnel ty tycoon uncertain underway union	0.0956799508391 0.0 0.032038989092 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0.0 0.0 0.0395167948772 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0.0 0.0 0.0412953145011 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0470401010308 0.0 0.0470401010308 0.0 0.0940802020617 0.0470401010308 0.0 0.0470401010308 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0394572624027 0.0 0.0 0.0 0.118371787208 0.0 0.0 0.0 0.0394572624027 0.0 0.0 0.0394572624027 0.0 0.0394572624027 0.0 0.0 0.0 0.0 0.0394572624027
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