

1) I do not have enough friends for this assignment. I found that extracting the links to you and links to each other would take up a lot of time and space on my hard drive. I saw that two of my followers had 50 followers BeSoBen and KevinClemmons so I chose Kevin because he is a friend of mine. I used Oduprogrammer16's credential manager plus networkcreator.py to extract the data from twitter. After the parsed data was extracted I found this "http://bl.ocks.org/d3noob/5141278" which had a great overview of how to use d3. I ran into trouble because I was trying to use chrome but due to securities I found firefox was the better choice to run local HTML code.

source	target	value	source	target	value
bigdud82	ShaneTaylor 83	1.1	blohm011	PSQRD12	1.1
mgome0072	icantsand	1.1	_MoreBoutN othin	blohm011	1.1
icantsand	mgome0072	1.1	CrownedOne _24	blohm011	1.1
SPORTalkCa ps	NoVa_Caps	1.1	JAGillespie4	blohm011	1.1
TyGuyness	NoVa_Caps	1.1	PSQRD12	blohm011	1.1

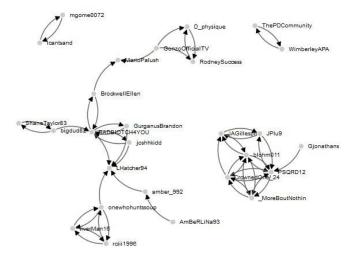
NoVa_Caps	TyGuyness	1.1	capitals_fanly	KevinClemm ons	1.1
BADBIOTCH 4YOU	GurganusBra ndon	1.1	itagabriela85	KevinClemm ons	1.1
ShaneTaylor 83	bigdud82	1.1	ShaneTaylor 83	KevinClemm ons	1.1
liverMan16	onewhohunts soup	1.1	prpl_n_panca kes	KevinClemm ons	1.1
rciii1996	onewhohunts soup	1.1	icantsand	KevinClemm ons	1.1
onewhohunts soup	liverMan16	1.1	mgome0072	KevinClemm ons	1.1
rciii1996	liverMan16	1.1	SPORTalkCa ps	KevinClemm ons	1.1
ThePDComm unity	WimberleyAP A	1.1	pdavey244	KevinClemm ons	1.1
BADBIOTCH 4YOU	joshhkidd	1.1	NoVa_Caps	KevinClemm ons	1.1
BADBIOTCH 4YOU	BrockwellElle n	1.1	tweetbombdo tcom	KevinClemm ons	1.1
CrownedOne _24	_MoreBoutN othin	1.1	wedoyouracc ount	KevinClemm ons	1.1
PSQRD12	_MoreBoutN othin	1.1	AliShamim33	KevinClemm ons	1.1
blohm011	_MoreBoutN othin	1.1	TyGuyness	KevinClemm ons	1.1
WimberleyAP A	ThePDComm unity	1.1	GurganusBra ndon	KevinClemm ons	1.1
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bigdud82	BADBIOTCH 4YOU	1.1	jazznazihitler	KevinClemm ons	1.1
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	4YOU			ons	
BrockwellElle n	BADBIOTCH 4YOU	1.1	onewhohunts soup	KevinClemm ons	1.1
D_physique	RodneySucc ess	1.1	NoahRenn	KevinClemm ons	1.1
GonzoOfficial TV	RodneySucc ess	1.1	tonette_f7b	KevinClemm ons	1.1
BrockwellElle n	MarioPalush	1.1	liverMan16	KevinClemm ons	1.1
GonzoOfficial TV	MarioPalush	1.1	Mc_G_TV	KevinClemm ons	1.1
AmBeRLiNa9	amber_992	1.1	WimberleyAP A	KevinClemm ons	1.1
RodneySucc ess	D_physique	1.1	joshhkidd	KevinClemm ons	1.1
GonzoOfficial TV	D_physique	1.1	BrockwellElle n	KevinClemm ons	1.1
GurganusBra ndon	LHatcher94	1.1	StRaphael4	KevinClemm ons	1.1
onewhohunts soup	LHatcher94	1.1	_MoreBoutN othin	KevinClemm ons	1.1
joshhkidd	LHatcher94	1.1	farmc3	KevinClemm ons	1.1
BADBIOTCH 4YOU	LHatcher94	1.1	Eucharistia_	KevinClemm ons	1.1
amber_992	LHatcher94	1.1	ThePDComm unity	KevinClemm ons	1.1
onewhohunts soup	rciii1996	1.1	BADBIOTCH 4YOU	KevinClemm ons	1.1
liverMan16	rciii1996	1.1	RodneySucc ess	KevinClemm ons	1.1
_MoreBoutN othin	CrownedOne _24	1.1	MarioPalush	KevinClemm ons	1.1

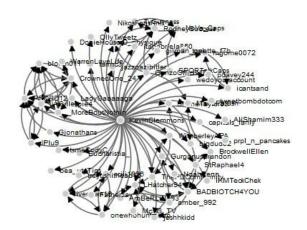
PSQRD12	CrownedOne _24	1.1	IKMTeckChe k	KevinClemm ons	1.1
blohm011	CrownedOne _24	1.1	AmBeRLiNa9	KevinClemm ons	1.1
JAGillespie4	JPlu9	1.1	bea_utyTips	KevinClemm ons	1.1
PSQRD12	JPlu9	1.1	treyushithead 15	KevinClemm ons	1.1
CrownedOne _24	JAGillespie4	1.1	amber_992	KevinClemm ons	1.1
JPlu9	JAGillespie4	1.1	D_physique	KevinClemm ons	1.1
blohm011	JAGillespie4	1.1	GonzoOfficial TV	KevinClemm ons	1.1
_MoreBoutN othin	PSQRD12	1.1	DobieHouson	KevinClemm ons	1.1
Gjonathans	PSQRD12	1.1	OllyTweetz	KevinClemm ons	1.1
CrownedOne _24	PSQRD12	1.1	LHatcher94	KevinClemm ons	1.1
JPlu9	PSQRD12	1.1	Gjonathans	KevinClemm ons	1.1
			LadyGaaaaa ga	KevinClemm ons	1.1
			gilman_gal	KevinClemm ons	1.1
			WarrenLoveL ife	KevinClemm ons	1.1
			FatherJay	KevinClemm ons	1.1
			rciii1996	KevinClemm ons	1.1
			CrownedOne	KevinClemm	1.1

_2	24	ons	
JP	Plu9	KevinClemm ons	1.1
itsı	meCodyC	KevinClemm ons	1.1
JA	AGillespie4	KevinClemm ons	1.1
PS	SQRD12	KevinClemm ons	1.1
blo	ohm011	KevinClemm ons	1.1





first attempt at graphing



2) For part two I used I used genders.py to find their twitter first name. The program then used its library to compare the first name to their registrar. The program would determine based off the first name and ignoring any other name if the user was male or female. In the case of undeterminable names the data was discarded. Below is the table that examines the gender or non gender of each account. I then utalized your link genderize io to find out the homophiablity of each link.

Accounts with genders and connections also extracts their first name

JPlu9 & Jared Pluciniczak & male \\ \hline StRaphael4 & St Raphael & male \\ \hline joshhkidd & Joshua Reynolds & male \\ \hline D_physique & Dynasty For Life Rec & female \\ \hline bea utyTips & Beauty Tips & female \\ \hline JAGillespie & Justin Gillespie & male \\ \hline Gjonathans & Jonathan Gustafsson & male \\ \hline MarioPalush & MARIO & male \\ \hline LadyGaaaaaga & Lady Gaga & female \\ \hline GurganusBrandon & Brandon Gurganus & male \\ \hline amber 992 & Amber Schakel & female \\ \hline KevinClemmons & Kevin Clemmons & male \\ \hline NoahRenn & Noah Renn & male \\\hline rciii1996 & Robert RCIII Croson & male \\\hline CrownedOne 24 & Steven & male \\\hline itagabriela850 & gabriela & female \\\hline treyushithead15 & trey peters & male \\\hline bigdud82 & Mike Dudley & male \\\hline RodneySuccess & Rodney Pickett II & male \\\hline ThePDCommunity & Kevin McCarthy & male \\\hline PSQRD12 & Paul Porter & male \\\hline AliShamim333 & Shamim & female \\\hline LHatcher94 & luke & male \\\hline liverMan16 & Eric Liverman & male \\\hline AmBeRLiNa93 & Amber Schakel & female \\\hline WarrenLoveLife & Warren Happy â & male \\\hline prpl n pancakes & Daniel Pancake & male \\\hline BrockwellEllen & Ellen brockwell & female \\\hline DobieHouson & dobie houson & male \\\hline

32:32 male

12:12 female to male

45 total edges

M: Number of edges male to male = 32/45 = 0.711

Total edges

F: <u>Number of edges female to female</u> = 1/45 = 0.022...

Total edges

G: (Number of edges female to male or male to female) = 12/45 = 0.266...

Total edges

If G < (2*M*F)

0.266 < 0.0316

