

## Q1

num_retweets	tweet_text	screen_name	category	subcategory
▶ 18812	To Bernie Sanders with thanks for your commitment to real health care access for all Americans...	BernieSanders	presidential_candidate	democrat
18487	Hillary said that guns don't keep you safe. If she really believes that she should demand that he...	realDonaldTrump	presidential_candidate	GOP
17390	RT @NFL: ajiadijglajdfadipfapojgoadsfijikdzngfjahjffadhfhjsifghajsfhdajfacklfjkalsfjkalsjfkaldjfla...	jwstarkey	reporter	na
16845	RT @POTUS: The science couldn't be clearer - we owe it to our kids to do everything we can to...	FlaDems	senate_group	democrat
12995	Man shot inside Paris police station. Just announced that terror threat is at highest level. Germa...	realDonaldTrump	presidential_candidate	GOP

## Q2

statenum	states	hashtag_text
▶ 29	Delaware, Florida, Hawaii, Idaho, Illinois, Indiana, Louisiana, Maine, Michigan, Mississippi, Missouri, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, Ne...	GOPDebate
27	Arizona, California, Delaware, Florida, Idaho, Illinois, Louisiana, Maine, Massachusetts, Michigan, Mississippi, Missouri, Nebraska, Nevada, New Hampshire, New Jers...	DemDebate
26	California, Colorado, Connecticut, Delaware, Florida, Hawaii, Idaho, Illinois, Indiana, Iowa, Louisiana, Massachusetts, Michigan, Mississippi, Missouri, Nebraska, North...	SOTU
25	Alabama, Alaska, Arizona, California, Colorado, Delaware, Florida, Iowa, Louisiana, Massachusetts, Michigan, Missouri, Nebraska, Nevada, New Hampshire, New Me...	SCOTUS
23	Arizona, California, Colorado, Florida, Hawaii, Idaho, Indiana, Kentucky, Louisiana, Maryland, Minnesota, Missouri, Nebraska, Nevada, New York, North Carolina, Ohio, ...	MLKDay

## Q3

screen_name	state
▶ BernieSanders	na
JohnKasich	na
TNGOP	Tennessee
PaSenateDems	Pennsylvania
indgop	Indiana
kathyprojo	Rhode Island
lagop	Louisiana
IdahoGOP	Idaho
OhioSenateDems	Ohio
NebraskaDems	Nebraska
orsendemocrats	Oregon
gophawaii	Hawaii

## Q4

When subcategory = 'GOP'

screen_name	subcategory	numFollowers
▶ realDonaldTrump	GOP	8062804
marcorubio	GOP	1356595
RealBenCarson	GOP	1324661
tedcruz	GOP	1097745
JebBush	GOP	599221
NULL	NULL	NULL

When subcategory = 'Democrat'

	screen_name	subcategory	numFollowers
▶	HillaryClinton	democrat	6187008
	BernieSanders	democrat	2137079
	MartinOMalley	democrat	130920
	FlaDems	democrat	46559
	CASenateDems	democrat	30868
	NULL	NULL	NULL

Q5

Refer to Q5output.csv

Q6

Results are different from SQL and Neo4j

tweet_text	hashtag_text	screen_name	subcategory
▶ #HappyNewYear, #Ohio! We will continue to fight hard for you in 2016.#NewYearsDay https://t.c...	Ohio	OhioSenateDems	democrat
Senator Cecil @Thomas4Ohio says the bulk of 2015 #Ohio tax cuts only benefit wealthy Ohioa...	Ohio	OhioSenateDems	democrat
RT @Thomas4Ohio: The average #Ohio family only gets a \$13 tax cut. That s barely enough fo...	Ohio	OhioSenateDems	democrat
.@SenLouGentile visited @TheTimesLeader to discuss progress in the #Ohio Valley over the p...	Ohio	OhioSenateDems	democrat
#Ohio @SenLouGentile discusses workforce development, #education, #SeveranceTax, #veter...	Ohio	OhioSenateDems	democrat

t.text	h.name	u.screen_name	u.sub_category
"Federal med #marijuana law a major discussion point. Some speakers advocate waiting for national law, others say #Ohio could lead the charge"	"Ohio"	"OhioSenateDems"	"democrat"
"This legislation would spell out the EPA's duty to protect Ohioans...when there's a water crisis" <a href="https://t.co/JxgPl6uReR">https://t.co/JxgPl6uReR</a> #Ohio #Sebring"	"Ohio"	"OhioSenateDems"	"democrat"
"#Ohio Senator Asks Tough Questions Regarding #Sebring Water Crisis" <a href="https://t.co/JxgPl6uReR">https://t.co/JxgPl6uReR</a> @JoeSchiavoni <a href="https://t.co/PkuDjFNBfy">https://t.co/PkuDjFNBfy</a> "	"Ohio"	"OhioSenateDems"	"democrat"
"1 part of @JoeSchiavoni's legislation will require #Ohio EPA to notify the public much sooner when water is unsafe: <a href="https://t.co/fS0mwVaEcl">https://t.co/fS0mwVaEcl</a> "	"Ohio"	"OhioSenateDems"	"democrat"
"NEW: Senator @JoeSchiavoni to Introduce Legislation in Response to #Sebring Water Crisis: <a href="https://t.co/fS0mwVaEcl">https://t.co/fS0mwVaEcl</a> #Ohio"	"Ohio"	"OhioSenateDems"	"democrat"

Q7

Refer to Q7output.csv

Q8

mentionedUser	mentionedUserState	postingUsers
▶ JohnKasich	na	gophawaii,IdahoGOP,JebBush,JohnKasich
realDonaldTrump	na	gov_gillmore,IdahoGOP,JebBush,realDonaldTrump
marcorubio	na	IdahoGOP,JebBush,JohnKasich,marcorubio,NHGOP,TNGOP
HillaryClinton	na	FloridaGOP,IdahoGOP,JebBush,JohnKasich,massgop,MissouriGOP,MSGOP,NCGOP,NHGOP,RealBenCarson,realDonaldTrump,TNGOP
GOP		FloridaGOP,IdahoGOP,Iagop,mainegop,massgop,MissouriGOP,MSGOP,NCGOP,NewMexicoGOP,NewYorkGOP,RhodeIslandGOP,TNGOP,WVGOP

Q9

	hashtag_text	num_uses	
►	kyga16	2064	
	copolitics	1232	
	coleg	943	
	GOPDebate	832	
	tcot	359	