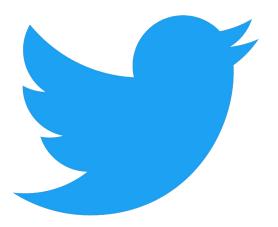
# Happiness:)

Ariana Moran, Shinar Jain, and Campbell Field

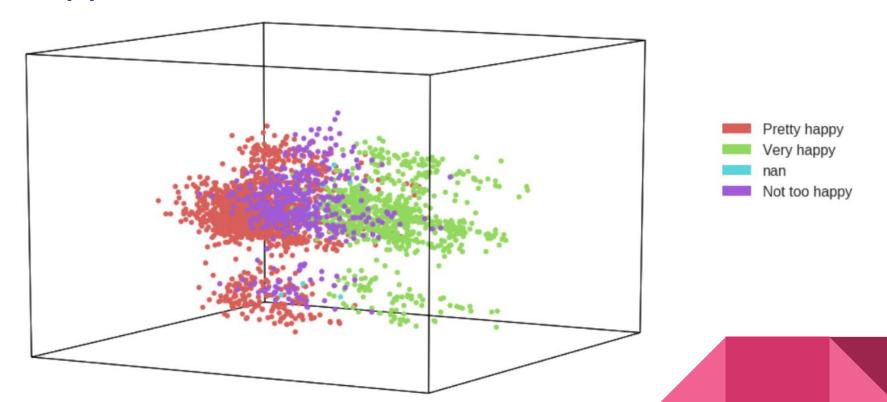
# What makes some people happier than others?

#### **About the Dataset**



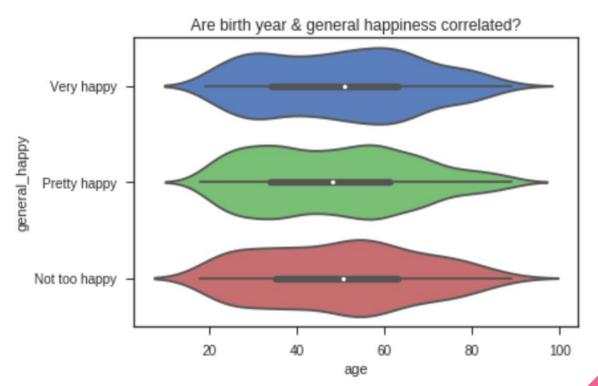


# **Happiness Clusters**

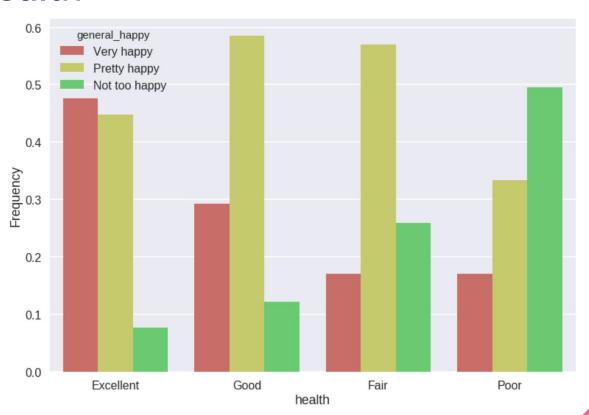


# Demographics

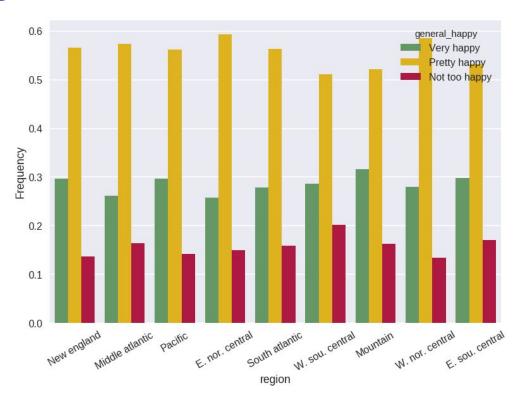
# Age



## Health



## Region

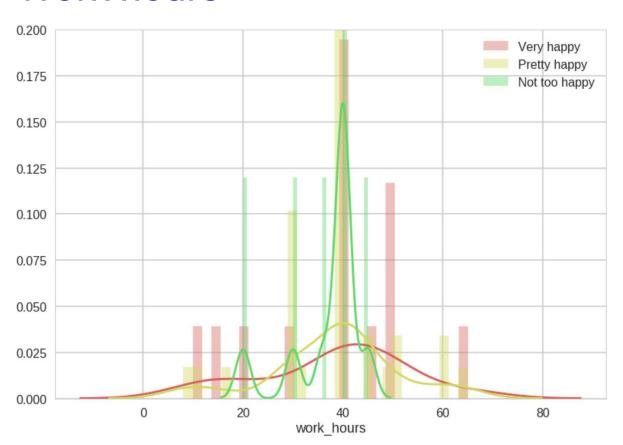


**Happiest Region:** Mountain

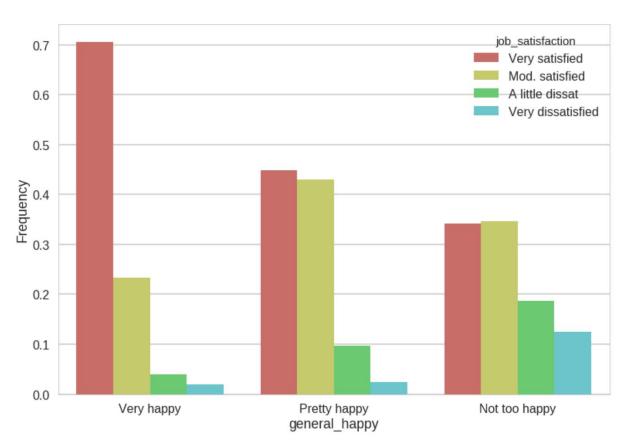
**Unhappiest Region:**West South Central

# Work & Income

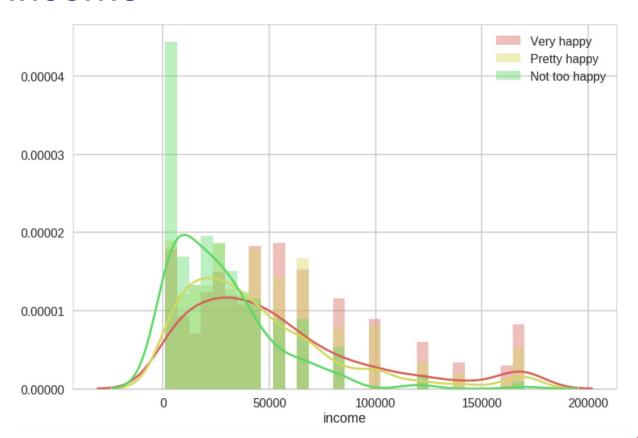
### Work hours



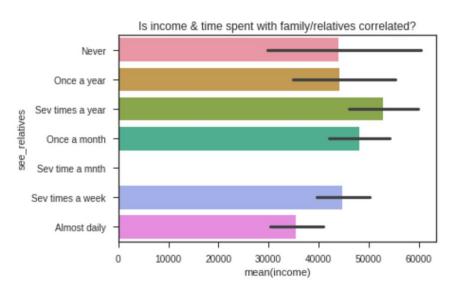
#### Job satisfaction

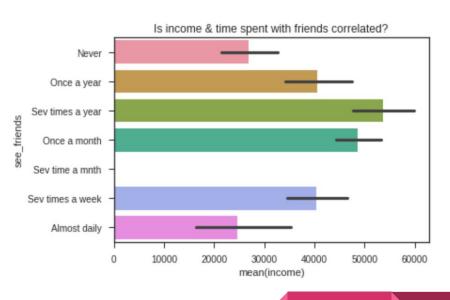


#### Income



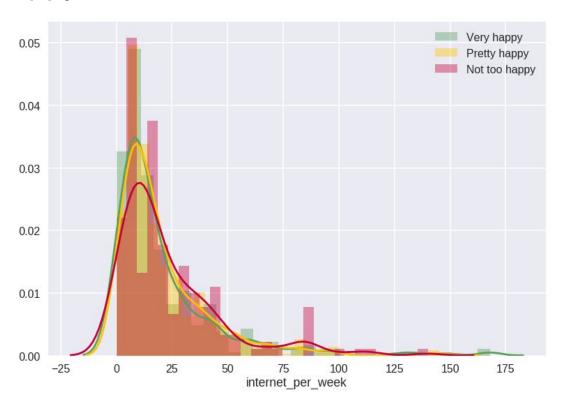
# Does income affect time spent with family and friends?



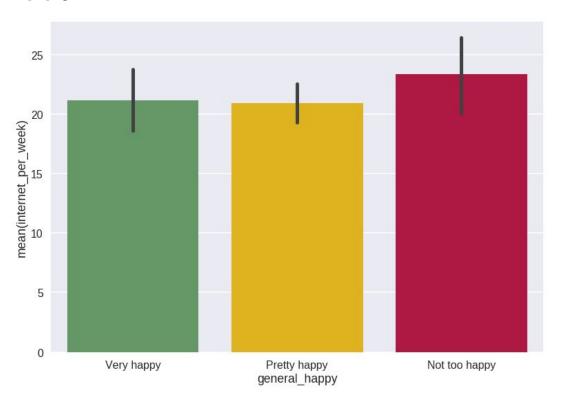


# Internet Use

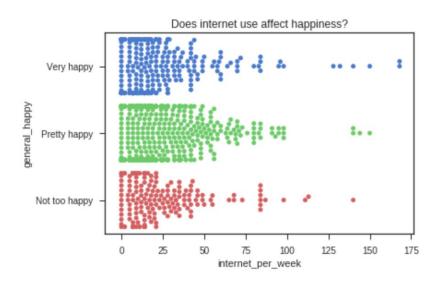
#### Unhappy individuals tend to use more internet per week.

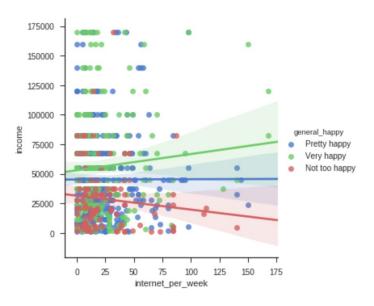


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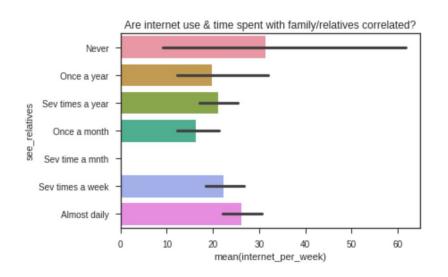


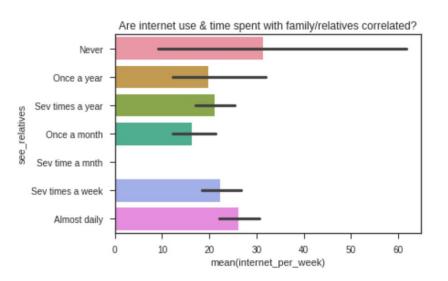
# Happiness in relation to Income & Internet Use



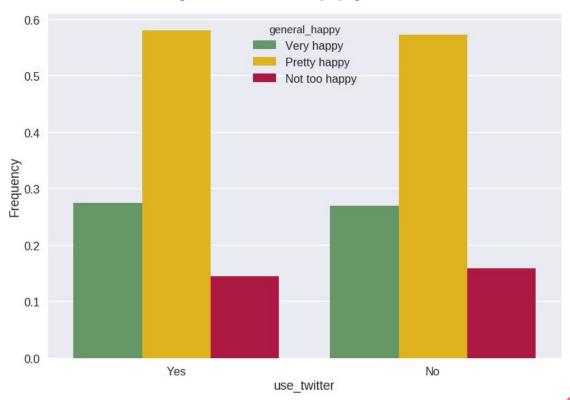


## Does internet use affect relationships?





#### Twitter users are just as happy as non-Twitter users.



# How do these trends compare to trends on Twitter?

#### Work

#### **Top Positive Tweets**

You are welcome! Keep up with the great work!

This is amazing. Doing some great work, Kevin! I hope we can team up on some local history stuff after we get more of the archives processed https://twitter.com/KevinFrisch/status/927720347239178240 ...

it's okay boo! your work is amazing!! love you!!

HAPPY THANKSGIVING to all!!! Hope ya'll have a great one. I'm off to work now :)

Think positive. Exercise daily. Eat healthy. Work hard. Stay Strong. Worry less. Dance more. Love often. Be Happy.

#### **Top Negative Tweets**

No buts. Every time I am angered, you have to work 80 years slavishly devoted to flattering me to get ranked up 1 fr om nothing.

Too bad.

It's horrible. It was just as cold when I left work this evening.

@Bill\_Gardner on why work reqs for Medicaid is a terrible idea is spot on. But there's another case to be made./1 https://newrepublic.com/article/121717/medicaid-work-requirements-why-republicans-reasons-are-wrong ...

Work is boring today.

Mudered by a jealous, nasty piece of work.
Rest In Peace Reena Virk #iremember #reena and #icommit2nonviolence.

# **Family**

#### **Top Positive Tweets**

Want to win GoTenna Mesh Family 4-pack [two winners]? I just entered to win and you can too. http://gvwy.io/y8owzkk

@GirlontheGoCA we are happy to welcome you to our Twitter family! Hope you are having an amazing Tuesday! http://www.funair.com pic.twitter.com/Rxru9vySyw

Well that's great. It's a wonderful feeling, being around your family and close friends. You know ...

All the people you're...

THANKFUL FOR

@MechaMaiden Awesome!!! Thank you for the incredible support you've done for me and my family in here Puerto Rico pic.twitter.com/I4bRqs0kv9

Sarah is awesome, done a great job at @RocksteadyGames & @bethesda. So happy to have her in the Yakuza Family!!.

#### **Top Negative Tweets**

Y'all need to tell y'all family members stop calling me with they nasty ass attitudes

Man that's crazy!!! I pray justice get served for Bilbo and his family!!

Exactly... a little inconvenience for us in nothing to the poor soul's family. Selfish comments overheard at WFJ are disgusting #Bletchley

go to <a href="http://needtoimpeach.com">http://needtoimpeach.com</a> and stand up to Trump and anyone else that is trying to normalize the lies and hate coming out of the WH

I hate my family

#### Friends

#### **Top Positive Tweets**

hbd to one of my longest friends... i hope 16 treats you well and you have the best day ever. love you always @valer ydelgado72pic.twitter.com/p5fxkS7va6

Yes you were so good! Got some great streaks where almost all my deaths were you coming like: STAP KILLING MAH FRIEN DS YOU BABY BLASTER D:<

Well that's great. It's a wonderful feeling, being around your family and close friends. You know...

All the people you're...

THANKFUL FOR

AHH Shana! you are too kind. I love what I do and I love my authors. Makes me so happy to share that with friends an d readers like you.

The best friends in the world. The perfect gift for the perfect best freinds https://www.redbubble.com/people/happyg iftideas/works/28784759-the-best-friends-in-the-world-the-perfect-gift-for-the-perfect-best-freinds?asc=t&p=womens-p remium-t-shirt ... via @redbubble

#### **Top Negative Tweets**

Nasty sunamabih!! And the toilet you released yourself in! I don't even believe in religion but yall need Jesus...an d his friends!

Oh my god I had to turn messages off on PSN from anyone not friends with me. It's the worst.

all my friends.... and dirty!!! http://fb.me/3tS5f8Ylc

The worst thing to these people is the reminder that not being a terrible person may just get you friends

#VA friends don't let friends fall for these kinds of dirty tricks!! #VoteNortham #VoteVirginia #VoteVA #Virginia #V irginiaElection #VAGovpic.twitter.com/QIaPtXlQXn

#### Internet

#### **Top Positive Tweets**

If the internet says it's the best, it must be true! What's your favorite smoothie? https://goo.gl/kwI02Z -http://bit.ly/2lqjldw

Great article on the evolution of Threadless. What Happened to the Internet's Favorite T-Shirt Company? https://www.racked.com/2017/11/6/16551468/threadless-t-shirts-ecommerce?utm\_campaign=racked&utm\_content=entry&utm\_medium=social&utm\_source=twitter ... via @Racked

@pumpkinberry Was awesome chatting with you yesterday! Thanks for all the advice! Hope your internet issue is fixed
this week!

I love how many people who aren't even in Minneapolis are #GOTV for #EricaForll. This is the best part of the intern et.

@IGGYAZALEA I love youu! You the best internet troll in history baby

#### **Top Negative Tweets**

So says the guy whose entire job is to sensationalize horrible things on the internet...and look at that. I've falle n into his trap. Crap.

Some times I really hate the internet!! pic.twitter.com/UlWt81thb0

@virginmedia your internet is terrible! Leaving.

Hollywood is obsessed with climate change disasters. What does that mean for the planet?: Mashablehttp://mashable.com/2017/11/07/qlobal-warming-disaster-movies-geostorm/...

they make pills out of metal? i hate the internet.

#### **Future Directions**

- Are these the best keywords to search for on Twitter? How do we account for these words having multiple meanings?
- How to account for sentiment analyses not picking up on sarcasm or ads?
- Further exploration of how demographics relate to Twitter use and happiness levels