

Data Source

Primary dataset - <https://www.kaggle.com/osmi/mental-health-in-tech-survey>

This dataset contains the 2014 survey aims to measure attitudes towards mental health in the tech workplace and examine the frequency of mental health disorders among tech workers.

The dataset(survey.csv) has 1259 responses, which contains the following attitudes

- **Age**
- **Gender**
- **Country**
- **state**: If you live in the United States, which state or territory do you live in?
- **self_employed**: Are you self-employed?
- **family_history**: Do you have a family history of mental illness?
- **treatment**: Have you sought treatment for a mental health condition?
- **work_interfere**: If you have a mental health condition, do you feel that it interferes with your work?
- **no_employees**: How many employees does your company or organization have?
- **remote_work**: Do you work remotely at least 50% of the time?
- **tech_company**: Is your employer primarily a tech company/organization?
- **benefits**: Does your employer provide mental health benefits?
- **care_options**: Do you know the options for mental health care your employer provides?
- **wellness_program**: Has your employer ever discussed mental health as part of an employee wellness program?
- **seek_help**: Does your employer provide resources to learn more about mental health issues and how to seek help?
- **anonymity**: Is your anonymity protected if you choose to take advantage of mental health or substance abuse treatment resources?
- **leave**: How easy is it for you to take medical leave for a mental health condition?
- **mental_health_consequence**: Do you think that discussing a mental health issue with your employer would have negative consequences?
- **phys_health_consequence**: Do you think that discussing a physical health issue with your employer would have negative consequences?
- **coworkers**: Would you be willing to discuss a mental health issue with your coworkers?
- **supervisor**: Would you be willing to discuss a mental health issue with your direct supervisor(s)?
- **mental_health_interview**: Would you bring up a mental health issue with a potential employer in an interview?
- **phys_health_interview**: Would you bring up a physical health issue with a potential employer in an interview?
- **mental_vs_physical**: Do you feel that your employer takes mental health as seriously as physical health?
- **obs_consequence**: Have you heard of or observed negative consequences for coworkers with mental health conditions in your workplace?

- **comments:** Any additional notes or comments

Secondary dataset - <https://data.world/ucr/crime-in-us-2014-offenses>

This is the dataset by Uniform Crime Reports(ucr), it contains 25 tables or CSV.

14table-1a contains the crime rate comparisons of 2014 and 2005,2010 and 2013.

14table-1_2 contains crime in the United States by volume and rate per 100000 inhabitants 1995-2014.

14table2 contains crime in the United States by community type

14table3 contains crime in the United States offense and population distribution by region

14table4 contains crime in the United States by region geographic division and state 2013-2014

14table5 contains crime in the United States by state 2014

14table6 contains Crime in the United States by Metropolitan Statistical Area 2014

14table7 contains offense analysis the United States 2010-2014

14table8 contains city crime rates in 2014

14table9 contains universities in United States crime rates in 2014

14table10 contains city crime rates with County information

14table11 contains offenses known to law enforcement by state by state-tribal and other agencies in 2014

14table12 contains crime trends by population group 2013-2014

14table13 contains crime trends by suburban and nonsuburban cities by population Group 2013-2014

14table14 contains crime trends by Metropolitan and Nonmetropolitan Counties by Population Group 2013-2014

14table15 contains crime trends additional information about selected offenses by population Group 2013-2014

14table16 contains crime rates per 100000 Inhabitants

14table17 contains crime rates per 100000 Inhabitants by with suburban and non-suburban information

14table18 contains crime rates per 100000 Inhabitants by Metropolitan and Nonmetropolitan Counties by population.

14table19 contains crime rate per 100000 inhabitants additional information about selected offenses by population group in 2014

14table20 contains murder by State types of weapons.

14table21 contains robbery by State types of weapons.

14table22 contains aggravated assault by State types of weapons

14table23 contains offense analysis number and percent change 2013-2014

14table24 contains property stolen and recovered by type and value

We will be using 14table5.

In both 14table5 and the survey “state” is the variable is the common variable. Using this variable we will try to predict the changes in which the employee is having a mental health issue because of the environment he or she was brought up.