

Assignment 4

DATA 1202



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# “How does the frequency of mental health illness and attitudes towards mental health vary by geographic location?”

Data from the survey.csv file provides several insights into frequency of mental health issues and attitude towards the mental heal issues. Fields such as treatment, family\_history, obs\_consequences which gives if the person had any treatment for mental health issues, if any member in family had any issues, if the person had seen any co-worker with mental health issues respectively, gives us an idea about the frequency of such issues. Visualizations made with respect to these shows USA and UK leading. The figures can be misleading as the survey was primarily based on USA. Moreover, the highest value doesn’t mean more people are vulnerable to mental health issues here, but more people are aware of such issues and are observant about these issues too.

Fields such as care\_options, wellness\_program, seek\_help etc. gives an idea about how much the person’s employer cares about their health issues as these fields correspond to care options, mental health programs as part of wellness programs, offer resources and help provided by employers respectively. Other fields like supervisor and coworker gives an idea about whether the person has someone to talk to about their health issues freely. USA and UK is leading in these areas too which gives us the insights that these countries might have a positive attitude towards a persons mental health.

## Errors Encountered

* As working with GitHub was a new experience, I found it a little bit difficult.
* Combining functions from pandas and matplotlib libraries resulted in some errors which was resolved after careful examination and research
* Unavailability of certain class recordings and course materials also proved it difficult to work around certain issues.