Data story narrative
Constrast

Start
With increasing social pressure and other complex factors, the population who have been diagnosed with mental health disorders seems to increase. We want to examine the difference in proportion of having different mental health disorders both in tech companies and nationally.

How the proportion of various mental health disorders of tech companies' employers differ from average US citizens' ? Are there any specific reasons behind the differences? How the proportions possibly change before and after covid?

The data set we collected included:
Technology's surveys about mental health problems before the COVID19 epidemic occurred in 2016 & 2017.
Technology's survey on mental health issues during the COVID19 epidemic in 2019 and 2020.
All four surveys were conducted by the same team, Open Sourcing Mental Illness, LTD. The survey questions were almost identical, in which we extracted information about the proportion of the surveyed group suffering from various types of mental health problems and their causes. We found that mental health problems are increasing in the technology industry.

The datasets we collected are:
The percentage of citizens with mental illness worldwide between 2016 and 2017.
The willingness of people to search for mental illness during the COVID-19 epidemic of 2019 vs. 2020.

Explanation
Below is a series of sample graph we want to use or reference on in the final deliverable.
These are similar to hexagon chart where the proportion of each mental health disorders in both USA and tech companies can be vividly presented. In the final deliverable, we will also add theta from 2019 and 2020 to make a more complicated graph. Then, the difference among each proportion can be viewed and compared directly.

	Code	Year	Schizophrenia....	Bipolar.disorder....	Eating.disorders....	Anxiety.disorders....	Depression....
1	USA	2016	0.334578	0.651569	0.517728	6.642099	4.813114
2	USA	2017	0.33389	0.651236	0.512844	6.635055	4.83561
3	Tech Company	2016	0.453001	28.652322	1.698754	23.442809	28.652322
4	Tech Company	2017	1.397206	41.716567	0.399202	38.722555	41.716567

Tech company 2016 vs USA 2016

Tech company 2016 vs Tech company 2017

Tech Company 2017 vs USA 2017