### **Subset 1: Opinion Mining on Mental and Physical Health Discussion**

* ****Purpose****: Analyzing attitudes towards discussing physical and mental health in interviews.
* ****Insights****:
  + Understanding individuals' willingness to discuss physical and mental health in interviews can provide insights into their openness and perceived stigma surrounding these topics.
  + Identification of factors influencing attitudes, such as perceived career impact and observed responses, can help tailor support systems and initiatives within organizations.
* **why\_mental & why\_physical filtered to not null**
* ****Features****:
  + **why\_physical**
  + **why\_mental**
  + **willing\_discuss\_physical\_health\_in\_interview**
  + **willing\_discuss\_mental\_health\_in\_interview**
  + **identified\_mental\_health\_impact\_career**
  + team\_view\_negatively\_mental\_health
  + willing\_share\_mental\_health\_with\_friends\_family
  + observed\_bad\_mental\_health\_response
  + less\_likely\_to\_reveal\_due\_to\_observation
  + **num\_employees**
  + **is\_tech\_company**
  + is\_self\_employed
  + **age**
  + **gender**
  + **country\_of\_residence**
  + **works\_remotely**
  + **US\_state\_work**
  + **US\_state\_live**
  + Job-related columns
  + had\_mental\_health\_disorder\_past
  + family\_history\_mental\_illness
  + currently\_has\_mental\_health\_disorder
  + has\_previous\_employers

### **Subset 2: Self-Employment Mental Health Context**

* ****Purpose****: Analyzing mental health context for self-employed individuals.
* ****Insights****:
  + Self-employed individuals often lack traditional workplace support structures, making understanding their mental health context crucial.
  + Factors such as access to mental health resources and the impact of disclosure on productivity can inform interventions to support the mental well-being of self-employed individuals.
* **is\_self\_employed =1**
* ****Features****:
  + **medical\_coverage\_mental\_health**
  + **knows\_mental\_health\_resources**
  + **reveals\_mental\_health\_to\_clients**
  + **impact\_of\_revealing\_to\_clients**
  + **reveals\_mental\_health\_to\_coworkers**
  + **impact\_of\_revealing\_to\_coworkers**
  + **mental\_health\_impacts\_productivity**
  + **percentage\_work\_time\_affected\_by\_mental\_health**
  + **currently\_has\_mental\_health\_disorder**
  + **num\_employees**
  + **is\_tech\_company**
  + **age**
  + **gender**
  + **country\_of\_residence**
  + country\_of\_work
  + **works\_remotely**
  + Job-related columns
  + **family\_history\_mental\_illness**
  + **had\_mental\_health\_disorder\_past**
  + **diagnosed\_by\_professional**
  + **sought\_mental\_health\_treatment**
  + **interference\_with\_work\_when\_treated**
  + **interference\_with\_work\_when\_not\_treated**
  + **currently\_has\_mental\_health\_disorder**
  + Diagnosis Columns
  + willing\_discuss\_mental\_health\_in\_interview
  + willing\_discuss\_physical\_health\_in\_interview
  + has\_previous\_employers

### **Subset 3: Employment Mental Health Context**

* ****Purpose****: Analyzing mental health context for employed individuals.
* ****Insights****:
  + Employed individuals may face unique challenges related to workplace culture and support for mental health.
  + Exploring factors like provision of mental health benefits and ease of discussing mental health with coworkers and supervisors can highlight areas for organizational improvement to foster a supportive work environment.
* **is\_self\_employed = 0**
* ****Features****:
  + **provides\_mental\_health\_benefits**
  + **has\_discussed\_mental\_health**
  + **offers\_mental\_health\_resources**
  + **is\_anonymity\_protected**
  + **ease\_of\_leave\_for\_mental\_health**
  + **mental\_health\_discussion\_consequences**
  + **physical\_health\_discussion\_consequences**
  + **comfort\_discussing\_mental\_health\_with\_coworkers**
  + **comfort\_discussing\_mental\_health\_with\_supervisor**
  + **employer\_values\_mental\_equal\_physical**
  + **observed\_neg\_consequences\_for\_coworkers**
  + **num\_employees**
  + **is\_tech\_company**
  + **age**
  + **gender**
  + **country\_of\_residence**
  + **works\_remotely**
  + **country\_of\_work**
  + Job-related columns
  + **family\_history\_mental\_illness**
  + **had\_mental\_health\_disorder\_past**
  + **diagnosed\_by\_professional**
  + **sought\_mental\_health\_treatment**
  + **interference\_with\_work\_when\_treated**
  + **interference\_with\_work\_when\_not\_treated**
  + **currently\_has\_mental\_health\_disorder**
  + Diagnosis Columns
  + willing\_discuss\_mental\_health\_in\_interview
  + willing\_discuss\_physical\_health\_in\_interview
  + has\_previous\_employers

### **Subset 4: Previous Employment Context**

* ****Purpose****: Understanding the impact of previous employment on mental health.
* ****Insights****:
  + Previous employment experiences can significantly influence individuals' mental health and attitudes towards seeking support.
  + Examining factors like previous employer attitudes towards mental health and observed consequences in the workplace can inform strategies to address mental health stigma and improve support mechanisms.
* **has\_previous\_employers = 1**
* ****Features****:
  + **previous\_employers\_mental\_health\_benefits**
  + **aware\_of\_mental\_health\_care\_options\_previous**
  + **previous\_employers\_discussed\_mental\_health**
  + **previous\_employers\_offered\_mental\_health\_resources**
  + **anonymity\_protected\_previous\_employers**
  + **mental\_health\_discussion\_consequences\_previous**
  + **physical\_health\_discussion\_consequences\_previous**
  + **willing\_discuss\_mental\_health\_previous\_coworkers**
  + **willing\_discuss\_mental\_health\_previous\_supervisor**
  + **previous\_employers\_valued\_mental\_equal\_physical**
  + **observed\_neg\_consequences\_previous\_workplaces**
  + **has\_previous\_employers**
  + **num\_employees**
  + **is\_tech\_company**
  + **age**
  + **gender**
  + **country\_of\_residence**
  + **works\_remotely**
  + **country\_of\_work**
  + Job-related columns
  + **family\_history\_mental\_illness**
  + **had\_mental\_health\_disorder\_past**
  + **diagnosed\_by\_professional**
  + **sought\_mental\_health\_treatment**
  + **interference\_with\_work\_when\_treated**
  + **interference\_with\_work\_when\_not\_treated**
  + **currently\_has\_mental\_health\_disorder**
  + Diagnosis Columns
  + willing\_discuss\_mental\_health\_in\_interview
  + willing\_discuss\_physical\_health\_in\_interview

### **Subset 5: Global**

* ****Purpose****: Providing demographic and job-related information for analysis.
* ****Insights****:
  + This subset offers a comprehensive view of mental health-related factors on a global scale, including demographic and job-related variables.
  + Understanding the prevalence and impact of mental health issues across different demographics and job types can inform targeted interventions and policies.
* ****Features****:
  + **family\_history\_mental\_illness**
  + **had\_mental\_health\_disorder\_past**
  + **diagnosed\_by\_professional**
  + **sought\_mental\_health\_treatment**
  + **interference\_with\_work\_when\_treated**
  + **interference\_with\_work\_when\_not\_treated**
  + **currently\_has\_mental\_health\_disorder**
  + Diagnosis Columns
  + **num\_employees**
  + **is\_tech\_company**
  + **age**
  + **gender**
  + **country\_of\_residence**
  + **country\_of\_work**
  + **works\_remotely**
  + Job-related columns
  + willing\_discuss\_mental\_health\_in\_interview
  + willing\_discuss\_physical\_health\_in\_interview
  + has\_previous\_employers

### **Subset 6: USA**

* ****Purpose****: Providing demographic and job-related information for analysis.
* ****Insights****:
  + This subset focuses on understanding mental health factors within the specific context of the USA, including state-level variations.
  + Analysis of demographic and job-related variables within the USA can inform localized strategies and interventions to address mental health challenges.
* country\_of\_work = US
* ****Features****:
  + **num\_employees**
  + **is\_tech\_company**
  + **age**
  + **gender**
  + **country\_of\_residence**
  + **works\_remotely**
  + **US\_state\_work**
  + **US\_state\_live**
  + Job-related columns
  + **family\_history\_mental\_illness**
  + **had\_mental\_health\_disorder\_past**
  + **diagnosed\_by\_professional**
  + **sought\_mental\_health\_treatment**
  + **interference\_with\_work\_when\_treated**
  + **interference\_with\_work\_when\_not\_treated**
  + **currently\_has\_mental\_health\_disorder**
  + Diagnosis Columns
  + willing\_discuss\_mental\_health\_in\_interview
  + willing\_discuss\_physical\_health\_in\_interview
  + has\_previous\_employers