

Research Question 1: Does Socializing More Make People Happier?(mental health)

- **Question**
 - Does the number of times people talk with friends or family affect how happy they feel?
- **Variables**
 - **Frequency of Social Interactions:** CONNECTION_activities_talked_day_p3m (How often people talk to others daily)
 - **Happiness Level:** WELLNESS_subjective_happiness_scale_happy (How happy people rate themselves)
 - **Suggested Visualization:**
 - A bar chart or scatter plot showing happiness levels based on how often people socialize.
- **Analysis**
 - **Method:** Check if there's a relationship between social interactions and happiness.
 - **Assumptions:** We assume that more social interaction might lead to higher happiness.
- **Hypothesis**
 - Hypothesis: People who socialize more often report higher happiness levels.
 - **Expected Outcome:** If true, it could show that regular socializing is linked to feeling happier.

Research Question 2: Does Feeling Lonely Affect Physical Health?

- **Question**
 - Do people who feel lonelier rate their physical health lower?
- **Variables**
 - **Loneliness:** LONELY_ucla_loneliness_scale_isolated (How often people feel isolated or alone)
 - **Physical Health Rating:** WELLNESS_self_rated_physical_health (How people rate their own physical health)
 - **Suggested Visualization:**
 - A box plot showing physical health ratings for people with different levels of loneliness.

- **Analysis**
 - **Method:** Use a simple analysis to see if loneliness affects physical health ratings.
 - **Assumptions:** We assume feeling lonely might be linked to poorer health ratings.
- **Hypothesis**
 - Hypothesis: People who feel more lonely rate their physical health lower.
 - **Expected Outcome:** If true, it could suggest that loneliness negatively affects physical health.

Research Question 3: Does Social Support Help Lower Anxiety?

- **Question**
 - Do people with more social support feel less anxious?
- **Variables**
 - **Social Support Level:**
PSYCH_zimet_multidimensional_social_support_scale_comfort (How much support people feel they have)
 - **Anxiety Level:** WELLNESS_gad_anxious (How often people feel nervous or anxious)
 - **Suggested Visualization:**
 - A scatter plot showing anxiety levels for different levels of social support.
- **Analysis**
 - **Method:** Check if there's a relationship between social support and anxiety.
 - **Assumptions:** We assume that people with more support might feel less anxious.
- **Hypothesis**
 - Hypothesis: People with higher social support feel less anxious.
 - **Expected Outcome:** If true, it could show that having people to rely on reduces anxiety.