Final Project

Mariana MacDonald

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**Hypothetical Question**

In this project, I wanted to know which mental disorder is more frequent, depression or others and how is depression compared to age, marriage, work. Specifically looking at these variables: gender, age, the person’s marital status, work status.

**Outcome of your EDA**

I wanted to know how the age affected the people with depression and people with other disorders so I divided the data into 2 groups, one for depression and the other for all the other disorders.

Doing a CDF calculation, I found out that the probability of having depression at ages 35-39 are higher than when younger, at a 42% probability. Also, the comparison of PMF for depression and other disorders show the age bracket with higher frequency for all the disorders is between 50-54.

**What do you feel was missed during the analysis?**

Checking for the outliers.

**Were there any variables you felt could have helped in the analysis?**

The amount of exercise that the person practices per week could be helpful. Exercise can not only improve on mental disorders but also it can increase the survival rate.

**Were there any assumptions made you felt were incorrect?**

I thought the higher number of people with the depression was at a teenager age.

**What challenges did you face, what did you not fully understand?**

I had difficulty finding better and bigger data. I believe other data may bring a different result.