**Each group member is responsible for creating visualizations.**

Testing Assumptions: **Karthik**

* All from same mean vector (MANOVA)
* All from same covariance matrix/homoskedastic (boxM)
* All samples were drawn independently.
* Variables follow a normal distribution (T-test)
* Do the variable follow a multivariate normal distribution (Chi-sq/MVN)
  + If not, can they be coerced to normality?

Time Series Analysis: **Swajan**

* How well does a moving average forecast suicide rate?
* EWMA?
* Are there seasonal or cyclical variations?

Hypothesis Testing: **Daniel**

* Is the mean suicide rate = across age groups?
  + If not, which are outliers?
* Across countries?
  + If not, which are outliers?
* Is there a significant difference in suicide rate before/after a recession?

Conclusions/Other: **Dhruv**

* Does Simpson’s paradox occur?
  + If so, for which variables do things change.
* How does using the age-standardized death rate change things?
* Non-parametric methods.
  + If not normally distributed, where are the distributions centered?