Course Project

Instructions and Guidelines:

1) **Data Collection & Cleaning**

   Goal: Build a clean, analysis-ready dataset (from **at least two independent public sources**) that others can reproduce.

   Steps:

   1. State your **research question**. Write a brief discussion about your question. This includes inquiries like why such a question is important or of interest etc.
   2. **Identify data sources (2+).** Based on your research question identify at least two independent data sources.
   3. **Gather the data** you need for your project by scraping it from the sources. Fix any missing or incorrect values and get it ready for exploration and analysis.

2) **EDA & Visualization**

   Goal: Perform any exploratory data analysis that is relevant to your research question. This can include numerical summaries and visualizations.

3) **Probability Calculations**

   Goal: Use correct probability notation and logic to quantify your question.

4) **Next Steps: Fitting Variables to Appropriate Distributions**

   Goal: Fit sensible distribution

   ns to your variables and assess the fit; discuss what you'd do next.