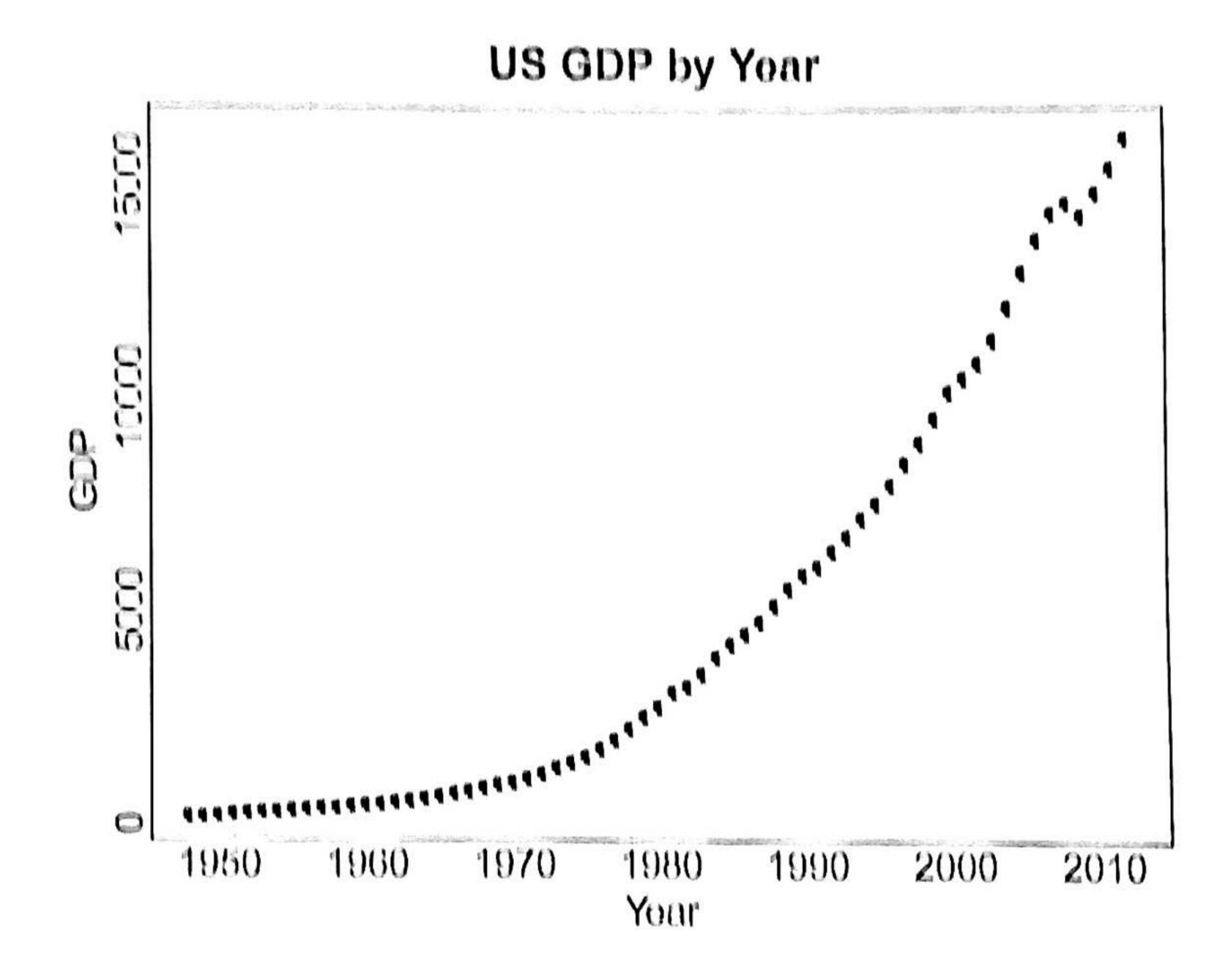
Question 7

Answer the questions below. It is possible to answer each with only two sentences and receive full credit.

- Explain how a sample distribution, a sampling distribution, and a population distribution are different and how they are related.
- Suppose we were interested in studying CDP in the United States. Here is a plot of this variable (the y axis is in millions of dollars);



• What concerns might we have about using spending as a dependent variable in regression? How could we address these concerns?

spending is not a good dependent variable because of inflation the to address treated this we would use GDP Growth rutes as a dependent variable.

Sumpling distribution is the and or testang sumples of a given random warrable. Sample distribution is the sample distribution is the sample of the sample of the sample of the sample. They are related through the same random sample. Population distribution is the distribution in union every premier is measured on some attribute.