STC 137 Worksheet: Tutorial X

1. For the following research topics, decide which type of data source (primary, secondary, or tertiary) would be most appropriate:
2. Tracking daily water consumption patterns in your household.
3. Understanding global climate change trends over the past century.
4. Writing a report on the key events of World War II.
5. Use your laptop or smartphone to visit one of the online data repositories mentioned in the notes. Answer the following:
6. Which dataset did you explore?
7. What kind of information does it provide?
8. How could this dataset be useful for a research project?
9. Choose a data source you have used in the past (e.g. an article, report, or website). Evaluate it using these questions:
10. Is it reliable and trustworthy?
11. Does it provide primary, secondary, or tertiary data?
12. How well does it align with your research needs?

**Reflection Questions**

1. Why is it important to distinguish between primary, secondary, and tertiary data sources?
2. How can knowing where to find data save time and improve your research?
3. What challenges might you face when using secondary or tertiary data sources, and how could you address them?

**Summary**

Understanding data sources is the first step toward becoming data-savvy. By recognizing the types of data and knowing where to find them, you can enhance the quality and credibility of your research. Use the activities in this worksheet to start exploring the world of data!