Research Data Summary: Assignment Content There are several types of data a researcher can collect and analyze. In this assignment, you will reflect on what you have learned about the types of data used in psychological research. Write a 700- to 1050-word paper in which you summarize data types. Include the following in your paper: Define the role of statistics in research. Define reliability and validity in research. Explain how these concepts are relevant to the data analysis process. Briefly summarize the following data types: Descriptive statistics Correlation statistics ANOVA procedure Chi-square test Explain the purpose of each data type. Explain 2–3 principles related to each data type. Describe the strengths and/or limitations of each data type. Provide an original example of how each data type might be used. Cite 2–3 scholarly references in addition to the textbook. Submit your assignment.