**Student Guide: Creating Visualizations with Data from the Previous Exercise**

**Objective:** This exercise is designed to help you create effective data visualizations using the dataset you used in the previous exercise.

**Materials for Students:**

1. Microsoft Excel (ensure it is installed on your computer)
2. Data visualization software (e.g., Excel, Tableau, Power BI)
3. The dataset you used in the previous exercise

**Duration:** Approximately 1 hour

**Exercise Steps:**

**1. Introduction (5 minutes)**

* Recall the instructor's explanation of the exercise's objectives.
* Understand that you will be creating data visualizations using the same dataset you used in the previous exercise.

**2. Data Retrieval and Preparation (10 minutes)**

* Open Microsoft Excel and load the dataset you used in the previous exercise.
* Ensure the dataset is ready for analysis, including data cleaning and formatting if necessary.

**3. Visualization Goals (10 minutes)**

* Set specific data visualization goals you aim to achieve using the same dataset.
* Goals may include creating bar charts, line graphs, pie charts, or other relevant visualizations based on the dataset's content.

**4. Data Visualization Creation (30 minutes)**

* Work individually or in pairs to create data visualizations that align with your set goals using data from the previous exercise.
* Experiment with visualization types and customization options.
* Seek guidance from the instructor as needed.

**5. Presentation (15 minutes)**

* Present your data visualizations and how you achieved your set goals using the same dataset to the class.
* Explain the steps taken and the significance of your visualizations.

**6. Group Discussion and Feedback (10 minutes)**

* Engage in discussions with your classmates after each presentation.
* Provide feedback on the effectiveness and creativity of your peers' visualizations.
* Ask questions and learn from others.

**7. Q&A and Recap (5 minutes)**

* Ask any questions you have about your data visualizations and receive answers or clarifications.
* Recap key achievements and insights from the data visualization goals using the same dataset.

**8. Conclusion (5 minutes)**

* Reflect on the importance of creating effective data visualizations, especially when working with real-world datasets.
* Consider exploring different visualization tools and techniques to enhance your data analysis skills using the same dataset.