**1. Which of the following activities is not a core part of data science?**

A) Making decisions using gut feeling  
B) Collecting and preparing data  
C) Analyzing data with statistics  
D) Communicating findings through visualization

**2. How did Dr. John Snow's investigation of the 1854 cholera outbreak contribute to data science?**

A) He used machine learning algorithms  
B) He advocated random sampling  
C) He visualized spatial data to identify disease clusters  
D) He solely relied on expert interviews

**3. Which example best describes a nominal categorical variable?**

A) Hair color (brown, blonde, black, red)  
B) Income brackets (under $35,000, $35,000–$54,999, above $75,000)  
C) Satisfaction ratings (very satisfied, neutral, dissatisfied)  
D) Educational level (high school, bachelor’s, master’s, PhD)

**4. In a dataset table, what do columns typically represent?**

A) Individual data samples  
B) Features or attributes  
C) Data values only  
D) Code libraries used

**5. Which Python library is primarily used for numerical computations in data science?**

A) Pandas  
B) Matplotlib  
C) Scikit-learn  
D) NumPy