

# Geographical Data Science Fundamentals

Data Science · Answer Key · 12 Questions

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**1. Which country has the largest surface area, a common dataset variable for global land mass studies?**

- A) Canada
- B) China
- C) Russia**
- D) United States

**2. What is the capital city of Japan, often used as a node in data mapping projects?**

- A) Osaka
- B) Kyoto
- C) Tokyo**
- D) Sapporo

**3. Which continent is statistically the most populous, a key metric in demographic data analysis?**

- A) Africa
- B) Asia**
- C) Europe
- D) South America

**4. What is the name of the longest river in the world, frequently used in hydrometric data models?**

- A) Amazon
- B) Nile**
- C) Yangtze
- D) Mississippi

**5. Which European country is known for having the most data centers in the Nordic region?**

- A) Finland
- B) Norway
- C) Sweden**
- D) Denmark

**6. What is the smallest independent country in the world by land area, often represented as a single data point on maps?**

- A) Monaco
- B) Vatican City**
- C) Nauru
- D) San Marino

**7. Which desert is the largest hot desert in the world, a significant geographical feature in climate data sets?**

- A) Gobi
- B) Kalahari
- C) Sahara**
- D) Thar

**8. The Prime Meridian passes through which famous observatory in London, UK, setting the global standard for time-based data?**

- A) Greenwich**
- B) Kew
- C) Richmond
- D) Brompton

**9. Mount Everest, the highest point in altitude data, is located in which mountain range?**

- A) Andes
- B) Alps
- C) Himalayas**
- D) Rockies

**10. Which ocean contains the Mariana Trench, the deepest point in global bathymetric data?**

- A) Atlantic
- B) Pacific**
- C) Indian
- D) Arctic

**11. The country of Australia is also classified as what in terms of geographical data categorization?**

- A) An island
- B) A continent**
- C) A peninsula
- D) An archipelago

**12. Which is the southernmost continent on Earth, often hosting remote research data stations?**

**A) Antarctica**

B) South America

C) Africa

D) Australia