

European Data Science Adventures

Data Science · Answer Key · 8 Questions

1. Which European city is home to the European Organisation for Nuclear Research (CERN), a major hub for scientific data analysis?

- A) Paris, France
- B) Geneva, Switzerland**
- C) Berlin, Germany
- D) Rome, Italy

2. The 'Copernicus Programme' is Europe's Earth observation programme, collecting vast amounts of data. Which continent does it primarily focus on observing?

- A) Africa
- B) North America
- C) Our Planet (Earth)**
- D) Antarctica

3. In 2021, the European Union launched the 'European Health Data Space' initiative. What is a main goal of this project concerning health data?

- A) To sell personal health data to companies
- B) To allow people to control their health data and share it securely**
- C) To limit access to health records
- D) To create anonymous health data for entertainment

4. The 'General Data Protection Regulation' (GDPR) is a very important European law for data privacy. What does GDPR stand for?

- A) Global Data Protection Rules
- B) General Data Processing Regulation
- C) General Data Protection Regulation**
- D) German Data Protection Rules

5. Which of these European countries has a significant number of research institutions actively involved in big data and artificial intelligence projects?

- A) Luxembourg
- B) Andorra
- C) United Kingdom**
- D) San Marino

6. The European Space Agency (ESA) uses data from satellites for many purposes. What is one key application of this data?

- A) Predicting lottery numbers
- B) Monitoring weather patterns and climate change**
- C) Creating digital art
- D) Mapping fictional lands

7. Many European cities are becoming 'smart cities' by using data. What kind of data might a smart city collect to improve traffic flow?

- A) Data on individual people's favourite colours
- B) Data from traffic sensors and public transport usage**
- C) Data on the number of birds in parks
- D) Data from children's drawings

8. The 'European Digital Innovation Hubs' (EDIHs) aim to help businesses and public administrations adopt digital technologies. What kind of data-related service might they offer?

- A) Teaching people how to knit
- B) Providing access to supercomputers for training AI**
- C) Organising historical reenactments
- D) Selling rare stamps