

Exam 1

Question 1: What are the important skills needed in data science?

Question 2: What is the difference between artificial intelligence, machine learning, and deep learning?

Question 3: What are the main applications of natural language processing?

Question 4: How does speech recognition work?

Question 5: How does computer vision contribute to artificial intelligence?

Question 6: What are the characteristics of big data?

Exam 2

Question 1: How does data scale affect organizations?

Question 2: What are the changes in data storage and processing when working with big data?

Question 3: When do you need big data for solving a problem?

Question 4: What is the process of ETL and how does it relate to data science?

Question 5: What are the different ways of data capture?

Question 6: Why is it important to apply data science in businesses?

Exam 3

Question 1: What are the different strategies for generating value from data?

Question 2: What are the steps involved in the data science process?

Question 3: How does research play a role in data science projects?

Question 4: What is the iterative process in data science?

Question 5: What are the privacy concerns associated with passive data capture?

Question 6: How does data privacy differ from data security?