

Assignment-1_DADV

Q.1 Define data analytics and discuss its evolution over the past decade. How has the field changed with the advent of big data and advanced computing technologies?

Q.2 Discuss the significance of data in today's digital world. Provide examples of how data-driven decision making can impact various industries such as healthcare, finance, and retail.

Q.3 Explain the four main types of data analytics: descriptive, diagnostic, predictive, and prescriptive analytics. Provide an example scenario for each type, illustrating how it can be applied in a business context.

Q.4 Describe the classification of data analytics. How do different types of analytics (descriptive, diagnostic, predictive, prescriptive) complement each other in providing a comprehensive understanding of business data?

Q.5 Compare and contrast the roles and responsibilities of a data analyst and a data scientist. What skills and tools are commonly used by each, and how do their contributions differ in a data-driven organization?

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