

ASSIGNMENT 2: UNDERSTANDING THE STRATEGIC IMPLICATIONS OF BIG DATA IN SPECIFIC DOMAINS

Chapter 2: Business Motivations and Drivers for Big Data Adoption

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ASSIGNMENT OVERVIEW:

The purpose of this assignment is to explore and analyze the business motivations and drivers for the adoption of Big Data solutions and technologies in the topic. Students will delve into specific aspects related to the information and communications technology (ICT) and the Internet of Everything (IoE).

Task 1: INTRODUCTION:

Provide a brief overview of the chapter on "Business Motivations and Drivers for Big Data Adoption."

Clearly state the relevance of understanding these motivations in the topic.

Task 2: INFORMATION AND COMMUNICATIONS TECHNOLOGY (ICT):

Investigate key ICT developments accelerating Big Data adoption, focusing on data analytics, digitization, affordable technology, social media, hyper-connected communities, and cloud computing.

Discuss the impact of these ICT developments on businesses operating in your topic.

Task 3: INTERNET OF EVERYTHING (IoE):

Explain the concept of IoE and its convergence with advancements in information and communications technology.

Explore how businesses, particularly in your topic, can leverage IoE to create unique value propositions.

Provide real-world examples of how IoE, driven by Big Data, has transformed industries.

Task 4: CONCLUSION:

Summarize the key findings and insights from the analysis.

Conclude with reflections on how understanding the motivations and drivers for Big Data adoption is crucial for professionals in your topic.

Note:

Students are encouraged to apply the concepts discussed in the assignment to real-world scenarios within their specific area of study. The goal is to deepen their understanding of how Big Data influences and shapes business strategies in their respective fields.

SUBMISSION GUIDELINES:

Prepare a report summarizing your findings for each task.

Include relevant examples, illustrations, or diagrams to support your explanations.

Provide proper citations for any external sources used.

Submit your assignment in a format suitable for academic presentation (e.g., a well-organized document).

GRADING CRITERIA:

Demonstration of understanding of Big Data concepts in the specific domain.

Depth and relevance of examples provided.

Clarity and organization of the report.

Integration of case study and real-world applications.

Thoughtful reflection on the interdisciplinary nature of Big Data analysis.