หลักสูตร วท.ม.เทคโนโลยีธุรกิจดิจิทัล มหาวิทยาลัยราชภัฏจันทรเกษม

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AGENDA

- Importance of Architecture
- Accidental Architecture
- Guiding Principles
- Scalability and Flexibility
- Foundation for Success
- Collaboration

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GSBT5201: Business Intelligence for Digital Business

Architecture Introduction

CH04 of the "Business Intelligence Guidebook" focuses on the importance of a well-architected foundation for successful Business Intelligence (BI) projects. This chapter emphasizes that a sound architecture sets the direction and goals for BI initiatives, guiding the project through principles that ensure scalability and flexibility.

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Importance of Architecture:

- Architecture provides a set of guiding principles that ensure BI solutions are built on a solid foundation.
- It ensures the solution is scalable and adaptable to future needs.

Accidental Architecture:
- Accidental architecture occurs when there is no formal planning, leading to a disjointed and inefficient system.
- This chapter warns against letting BI projects evolve without a clear architectural vision.

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Guiding Principles:
- Establishing guiding principles helps align the technical infrastructure with business goals.
- These principles provide a roadmap for making decisions throughout the project lifecycle.

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Scalability and Flexibility:
- A well-designed architecture allows for incremental growth, accommodating new data sources, users, and analytical capabilities as needed.
- Flexibility ensures that the architecture can adapt to changing business requirements without significant overhauls.

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Foundation for Success:
- The architecture should be seen as the bedrock of the BI project, ensuring all components work together harmoniously.
- It lays the groundwork for future development, integration, and innovation within the BI environment.

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Collaboration

Successful BI architecture requires collaboration between business and IT stakeholders to ensure that the technical solutions meet business needs.

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Q&A