

Business Intelligence

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This course introduces students to the principles and practices of Business Intelligence (BI) as a crucial tool for strategic management in organizations. It covers the entire BI process, from defining key management indicators to creating effective dashboards and data models for informed decision-making.

Key concepts covered:

- BI project management using agile methodologies
- Data extraction and consolidation techniques
- Data historization and organizational data management
- Dimensional modeling for business requirements
- BI architecture specification and documentation
- Key management indicators and dashboard design
- User-centric dashboard creation

By the end of this course, students will be able to:

- [BC-01] Manage BI projects using agile methodologies and best practices
- [BC04] Design and implement effective dashboards that address specific business requirements
- [BC-07] Develop BI architectures that align with organizational needs and support strategic decision-making

Prerequisites :

- Understanding of descriptive statistics
- Familiarity with the relational model in databases