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Business Intelligence: Building the Data Warehouse

Learn today's innovative strategies to help organizations gain valuable insight into their data. Arm yourself with the know-how to lead and implement a successful BI application.

Move Your Career to the Leading-Edge of Business and Technology

Understanding how to analyze data is critical to business success, particularly in an age of ever increasing data and complexity. As a result, business intelligence (BI) has become an essential function. The discipline of making decisions based on relevant, timely and accurate information has brought BI to the forefront as companies seek to gain a competitive advantage. And that makes BI a field rich with career opportunities for both business and technology professionals, especially for those with a Business Intelligence Certificate from the UW.

The Business Intelligence Certificate Program will provide you with:

- Technical expertise with BI applications and data warehousing concepts
- Best practices and real-life examples of companies that employ them
- A broad overview of BI tools and software

This program gives you an in-depth and practical level of knowledge you can put to work immediately. As part of your education, you will:

- Build a strong foundation from a top-rated university by participating in a comprehensive team project for first-hand experience with the analysis and documentation of business and system requirements
- Perform project analysis, creation and fine-tuning of a data warehouse, and data preparation and analysis
- Learn how disciplines such as competitive intelligence, computational linguistics and knowledge management impact BI

Fast Facts

- Large businesses will need three times as many business intelligence personnel in 2008 as they did in 2004, according to projections released by analyst research firm Gartner.
- In a recent 2007 release, Gartner also reported business intelligence ranks as the #1 technology priority for organizations in a survey of CIOs nationwide.

The Program that Offers More than an Education

Network with other seasoned business and technology professionals and make new contacts that you'll value throughout your career. Gain insights from course instructors who are experts in their field. Take advantage of hands-on learning, state-of-the-art facilities and discussion of real-world situations that make the program valuable and highly relevant in today's business environment.

Business Intelligence Certificate Courses

With the BI certificate from UW, learn how to help companies make better decisions from their data and trust that their decisions are aligned with corporate goals. The following courses are required to complete the nine-month certificate:

Data Warehouse: Concepts and Principles

You will discuss the states of a BI data warehouse project, be introduced to the technologies and get an overview of the field. You'll also project stages including justification, planning, business analysis, design, construction and deployment.

Data Warehouse: Project Planning, Analysis and Design

Compare BI technologies from various software vendors. Develop your own project within collaborative teams, or be assigned to an existing data source to develop a project. You will plan for and gather business requirements, and design the data warehouse to develop an effective BI plan in the project implementation course.

Data Warehouse: Project Implementation

Take the planning strategies that students developed in the previous course and use those to develop and implement a successful BI project. You will build the data warehouse, prepare the data and load it into the warehouse followed by modeling strategies, analysis and testing.

About UW Extension

Learning through UW Extension gives working professionals the quality education that will take your career to the next level, whether you long for a promotion or a shift to a completely new field. All UW Extension programs are designed by UW faculty, industry experts and community leaders. To ensure you receive first-rate instruction, every UW Extension program must be approved by the corresponding University of Washington academic department. UW advisory boards are continually reviewing programs and updating the curriculum to meet the evolving demands of specific fields.

About UW Certificate Programs

You already work hard at your existing job, and going back to school is a serious commitment. That's why UW certificate programs are designed around you, with flexible schedules and a choice of part-time, full-time or even online study, depending on the program. A UW certificate gives you the knowledge and credibility to open doors for the rest of your professional life, whether you're moving up the career ladder or switching careers altogether.

Learn more about the program

For complete details, visit the Web site:

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📍 Attend an information meeting.

Interested in a certificate? You can ask questions and meet instructors and former students at these free meetings. For meeting dates, times and locations, please go to our Web site.

Questions? Ask away

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