



5 Courses

Database Management  
Essentials

Data Warehouse Concepts,  
Design, and Data Integration

Relational Database Support for  
Data Warehouses

Business Intelligence Concepts,  
Tools, and Applications

Design and Build a Data  
Warehouse for Business  
Intelligence Implementation



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**Jose Joaquin Villamor**

has successfully completed the online, non-credit Specialization

## Data Warehousing for Business Intelligence

This Specialization covers data architecture skills that are increasingly critical across a broad range of technology fields. You'll learn the basics of structured data modeling, gain practical SQL coding experience, and develop an in-depth understanding of data warehouse design and data manipulation. You'll work with large data sets in a data warehouse environment to create dashboards and Visual Analytics. You will use of MicroStrategy, a leading BI tool, OLAP (online analytical processing) and Visual Insights capabilities to create dashboards and Visual Analytics. In the final Capstone Project, you'll apply your skills to build a small, basic data warehouse, populate it with data, and create dashboards and other visualizations to analyze and communicate the data to a broad audience.

*Michael Mannino*

Jahangir Karimi, Business  
School; Michael  
Mannino, Information  
Systems Program;  
Data Warehousing for  
Business Intelligence  
University of Colorado  
Denver

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