Published on *University of Colorado* (https://www.cu.edu)



# Data Warehousing for Business Intelligence Specialization
[1]



**About This Specialization**

Evaluate business needs, design a data warehouse, and integrate and visualize data using dashboards and visual analytics.

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 have the opportunity to 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.



**5 Courses**

Follow the suggested order or choose your own.



**Projects**

Designed to help you practice and apply the skills you learn.



**Certificates**
Highlight your new skills on your resume or LinkedIn.

---

**For More Information or to Enroll** [2]



[2]

---

Created by:

University of Colorado
Boulder | Colorado Springs | Denver | Anschutz Medical Campus

Industry Partners:

MicroStrategy®

**Groups audience:**
MOOCs
**Right Sidebar:**
MOOC Data Warehousing for Business Intelligence Specialization

**Source URL:**https://www.cu.edu/mooc/data-warehousing-business-intelligence-specialization

**Links**
[1] https://www.cu.edu/mooc/data-warehousing-business-intelligence-specialization
[2] https://www.coursera.org/specializations/data-warehousing