

# Module 1

## Data Warehouse Concepts and Architectures

Lesson 1: Course objectives



# Lesson Objectives

- Gain context for this course in the specialization
- Understand targeted learners for this course
- Understand broad course objectives and prerequisite background



# Data Warehousing for Business Intelligence

**Course 1**

Database management  
essentials



**Course 2**

Data warehouse concepts,  
design and data integration



**Course 3**

Relational database support for  
data warehouses



**Course 4**

Business intelligence concepts,  
tools, and applications



**Course 5**

Design and build a data  
warehouse for business  
intelligence implementation

# Targeted Learners

University students



IT professionals



Project managers



Business analysts



# Broad Course Objectives

- Establish an initial foundation of data warehouse background for business intelligence careers
- Gain conceptual background about business architectures, management practices, and data warehouse development methodologies
- Create data warehouse designs, data integration workflows, and pivot table operations
- Reflect on business architecture selection, data warehouse design methodologies, and data integration goals and constraints



# Prerequisite Background

- Introductory database course
- Course 1 in the specialization
- Background about relational databases, query formulation, data modeling, and normalization



# Summary

- First course about data warehouses in the specialization
- Unified coverage of data warehouse concepts, design, and data integration
- Skill development for data warehouse design, pivot table usage, and data integration workflows
- Career opportunities for working professionals as well as business and computer science students

