



3 Courses

The Nature of Data and
Relational Database Design

Data Warehousing and
Business Intelligence

Business Intelligence and
Visual Analytics



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Hamza Shafiq

has successfully completed the online, non-credit Specialization

Database Design and Operational Business Intelligence

In this specialization, learners gained a comprehensive and holistic view of business intelligence and its enabling technologies, including relational databases, data warehousing, descriptive statistics, data mining, and visual analytics. Learners explored relational database design, data manipulation through Extract/Transform/Load (ETL), as well as gained actionable insight through data analytics, data-based decision support, data visualization, and practical, hands-on experience with real-world business intelligence tools.

Timothy Carrington,
Ed.D.

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