DATA MANAGEMENT IN SQL CERTIFICATE

Program Description

In business today, it is crucial to be able to answer relevant questions through data. Whether you're a career starter looking for applicable skills or a business leader looking for context for your strategy, understanding how your teams store, examine, and utilize data can better set you up for success.

In this program, you will discover how to enter data into a well-designed database and interact with it using Structured Query Language (SQL). You'll begin with subjects related to data rules and database design, where you will explore the different ways to analyze, manipulate, integrate, and extract insights from data. With that foundational knowledge established, you will then delve into the fundamentals of database design and conclude the program with a brief exploration of scalability and automation. Ultimately, by learning how to approach, structure, and solve business problems through the organization and manipulation of data, you will be prepared to put your newfound understanding into practice in your organization and beyond, setting you apart in a competitive business landscape.

The courses in this certificate program are required to be completed in the order that they appear.

Key Takeaways

- Write queries to pull and filter basic data from any structured, relational database
- Combine information from multiple tables to help answer complex business questions
- Clean and modify various types of data to extract accurate and usable insights
- Construct a SQL database to make that data usable
- Generate simple, automated summary reports to make data accessible to key stakeholders

What You'll Earn

- Data Management in SQL Certificate from Cornell SC Johnson College of Business
- 120 Professional Development Hours (12 CEUs)

Who Should Enroll

- Business analysts
- Professionals who work with databases or data warehouses
- Managers using data insights to make business decisions
- Marketing analysts
- Product analysts

Total Investment

2.5 months to complete the courses.

How to Enroll

For more information and to enroll, please visit Data Management in SQL Certificate (https://ecornell.cornell.edu/certificates/data-science-analytics/data-management-in-sql/).

Courses

Code	Title	Hours
eCornell JCB561	Exploring Data	0
eCornell JCB562	Integrating Data From Multiple Tables	0
eCornell JCB563	Extracting Insights From Data	0
eCornell JCB564	Fundamentals of Database Design	0
eCornell JCB565	Introduction to Scalability and Automation	0