

You can pick up where you left off. Just join a new session and we’ll reset your deadlines.

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Specialization Introduction: Excel to MySQL: Analytic Techniques for Business

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Introduction to Managing Big Data with MySQL

Lesson 1: Problems Databases Solve

Lesson 2: Database Design Tools

Lesson 3: Building Your Own Entity-Relationship Diagrams

Lesson 4: Building Your Own Relational Schemas

Lesson 5: Test Your Understanding

The Coursera Specialization: [Excel to MySQL: Analytic Techniques for Business](#) is about how “Big Data” interacts with business, and how to use data analytics to create value for businesses. The specialization consists of four courses and a capstone project. You will learn to perform sophisticated data-analysis functions using powerful software tools such as Microsoft Excel, Tableau, and MySQL.

Great business analysts have been called the “unicorns” of the business world. They are supposed to deeply understand business concepts, wield powerful quantitative skills, execute exceptional critical and structured thinking, and persuasively communicate complicated concepts using exciting visualizations and non-technical knowledge. How is it possible for one person to even know what all these things mean, let alone master them?

We’re here to tell you it is possible. By the end of this specialization, you will be able to:

1. Understand and be able to identify relevant business metrics (Course 1: Business Metrics for Data-Driven Companies)
2. Be an expert in using Excel to do business data analysis (Course 2: Mastering Data Analysis in Excel)
3. Be a Tableau power-user who can produce compelling dynamic data visualizations, and an experienced presenter of persuasive business proposals (Course 3: Data Visualization and Communication with Tableau)
4. Be a specialist in using Structured Query Language, or SQL, to retrieve and analyze big data from industrial-sized relational databases (Course 4: Managing Big Data with MySQL)

In the specialization final project: Excel to MySQL: Analytics Techniques for Business Capstone, you will combine all these skills together to address a realistic business analytics project. In short, you will be your own personalized version of a business analyst unicorn!

✔ Complete

