

Effectively Master SQL for Data Science with any of these courses

SQL, or structured query language, is very important tool for business analysts, data analysts and data scientists.

Nowadays, data collection has increased exponentially, so has the need for people who are well equipped at using and interacting with data; who can think critically and analyze data to drive insightful business decisions.

As time goes on, companies like Microsoft, Apple, NASA, GitHub, Zappos, Uber and the most promising start-ups are regularly using SQL to access and unlock insights from the data.

SQL has been steady for years now and is world's most popular databasing language for Data Science. And the skills necessary to be a good data scientist include being well versed in SQL to retrieve and work with data.

According to [Glassdoor](#), The national average salary for a SQL Data Analyst is \$67,377 / yr and \$61,000 salary for entry-level SQL Engineer as per

[Teamtreehouse.com](#)



Source: medium.com/upperlinecode

If you want to learn SQL for Data Science but feel strongly intimidated by databases to know where to start, rest assured this article help you find the course that precisely aligns with your career goals.

Please note, this compilation will be updated at least once every quarter to ensure that the courses are aligned with latest SQL Updates.

So, go ahead & save this one in your pocket/ bookmarks. ☆

Now, without a further ado, let's get started.

The 5 Best SQL for Data Science Courses on the Internet.

There are thousands of educational material out there for learning SQL. However, much of it is without Graded Assignments or Peer Feedback and has a very poor quality.

So, I decided to inspire your Data Science journey by compiling the best SQL for Data Science Courses offered by the world class educators to help you Learn and Master SQL for Data Science.

— [Intro to SQL for Data Science](#) [Highly Recommended]

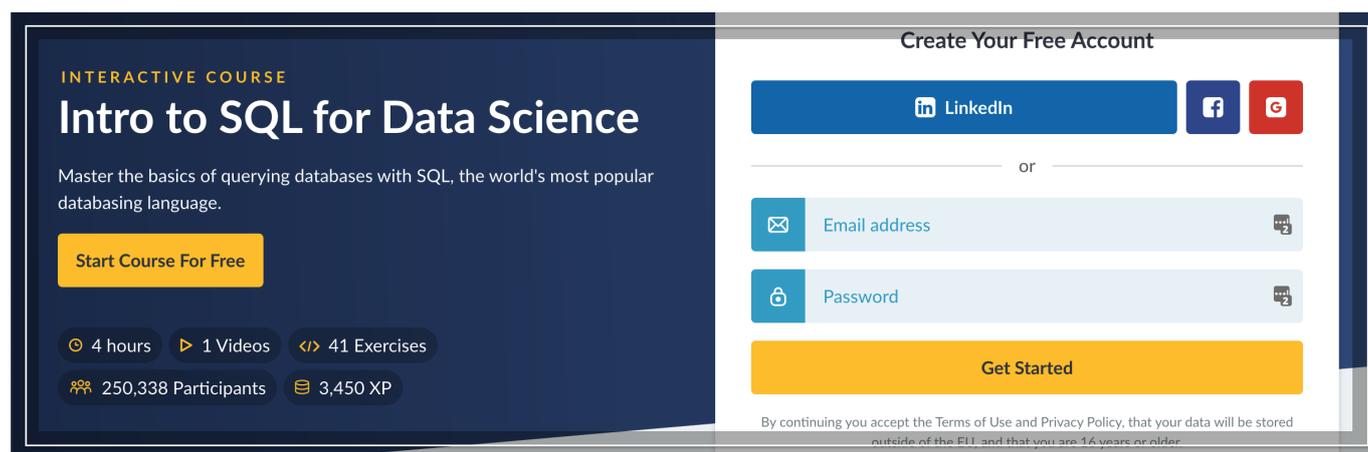
This course is created by DataCamp for absolute beginners to Master the basics of querying databases with SQL. In this [SQL for Data Science course](#), You'll first learn to Selecting columns and their structure, join database tables together, perform aggregations.



Towards the end of the course, You'll also learn to do more complex analysis and manipulations through filtering rows for satisfying some criteria of interest, understand techniques to match the pattern in text, and much more.

By the end of the course, you'll be able to write efficient SQL queries to successfully handle a variety of data analysis tasks using Sorting, grouping and

joins.



The image shows two side-by-side screenshots. The left screenshot is for the course 'Intro to SQL for Data Science', an interactive course. It features a dark blue background with white text. The title is 'Intro to SQL for Data Science' in a large, bold font. Below the title, it says 'Master the basics of querying databases with SQL, the world's most popular databasing language.' There is a yellow button that says 'Start Course For Free'. Below that, there are three icons with text: a clock for '4 hours', a play button for '1 Videos', and a code icon for '41 Exercises'. At the bottom, there are two more icons with text: a group of people for '250,338 Participants' and a document icon for '3,450 XP'. The right screenshot is a 'Create Your Free Account' form. It has a white background with a blue header. There are three social media login buttons: LinkedIn, Facebook, and Google. Below these is a line with 'or' in the center. There are two input fields: 'Email address' and 'Password', both with icons on the right. Below the input fields is a yellow 'Get Started' button. At the bottom, there is a small line of text: 'By continuing you accept the Terms of Use and Privacy Policy, that your data will be stored outside of the EU, and that you are 16 years or older.'

Is it right for you?

This course is for any motivated individual, doesn't matter whether you are a banker or a bricklayer.

As long as you have an open mind and a computer that can handle database software system efficiently, you will learn everything you need to know to begin working with databases today!

GO TO **COURSE**

— **SQL for Data Science** [Highly Recommended]



SQL for Data Science by [UC Davis](#) is designed to give you a primer in the fundamentals of SQL and working with data so that you are equipped to drive insightful business decisions.



This course is divided into 4 modules to help you learn the art and techniques of using SQL for data science purposes. You'll start to work with different types of data like strings and numbers and discuss methods to filter and pare down your results.

Upon the completion, you will be able to write both simple and complex queries to help you select data from tables.

A screenshot of a course page for 'SQL for Data Science' offered by UC Davis. The page has a dark blue background. At the top left, there is a breadcrumb trail: 'Browse > Data Science > Data Analysis'. The course title 'SQL for Data Science' is prominently displayed. To the right, it says 'Offered By' followed by the UC Davis logo and 'UNIVERSITY OF CALIFORNIA'. Below the title, there is a yellow 'Enroll' button with the text 'Starts Mar 01' underneath it. To the right of the button, it says 'Financial aid available'.

Is it right for you?

This course starts with the basics of SQL and assumes you do not have any knowledge or skills in SQL or any programming experience.

This course will be of tremendous help to learn about asking the right questions and coming up with correct answers to solve critical business problems.

GO TO COURSE

— [Databases and SQL for Data Science](#)



Databases and SQL for Data Science course is offered by IBM and is divided in 4 module to help you understand relational database concepts and gain foundational knowledge of the SQL language.

This course is designed with emphasis on practical learning and will help you to get started with performing SQL access in a data science environment by creating a database instance in the cloud.

With hands on labs you will practice building and running SQL queries, and learn how to access databases from Jupyter notebooks using SQL and Python.

The image shows a course banner for 'Databases and SQL for Data Science'. It features a video player with a play button, the IBM logo, and text indicating it's part of the 'IBM Data Science Professional Certificate Specialization'. The banner also includes an 'Enroll' button with 'Starts Mar 01' and 'Financial aid available'.

Is it right for you?

This course is suitable for learners who don't have the knowledge of databases, SQL, Python or programming, and you will earn an IBM digital badge upon successful completion of the course.

There are no prerequisites for taking this courses.

GO TO COURSE

— Master SQL for Data Science

This Course “[Master SQL for Data Science](#)”, is designed by [Imtiaz Ahmad](#) and delivered via Udemy.



First, you will start with the basics of database and learn SQL queries and how to use the functions. You will also learn about grouping the data and computing aggregates.

Then, you will understand how to use subqueries and learn how to make use of CASE clauses in interesting ways and also dig deeper to learn Advanced Query Techniques using correlated subqueries

Finally, you will learn how to work with multiple tables and understand window functions for analytics.

Master SQL For Data Science

Become a SQL query wizard and never be afraid to look at a large SQL query again!

★★★★★ 4.6 (2,530 ratings) 11,271 students enrolled

Created by Imtiaz Ahmad Last updated 5/2019

🗣 English 🌐 English [Auto-generated], Indonesian [Auto-generated], [3 more](#)

Beginners

Is it right for you?

If your understanding about the Databases is a big question mark, then this course is absolutely very good for you.

Upon the successful completion and participation in puzzles, you will have gained the skills you need to extract critical insight from data sitting in a database.

GO TO COURSE

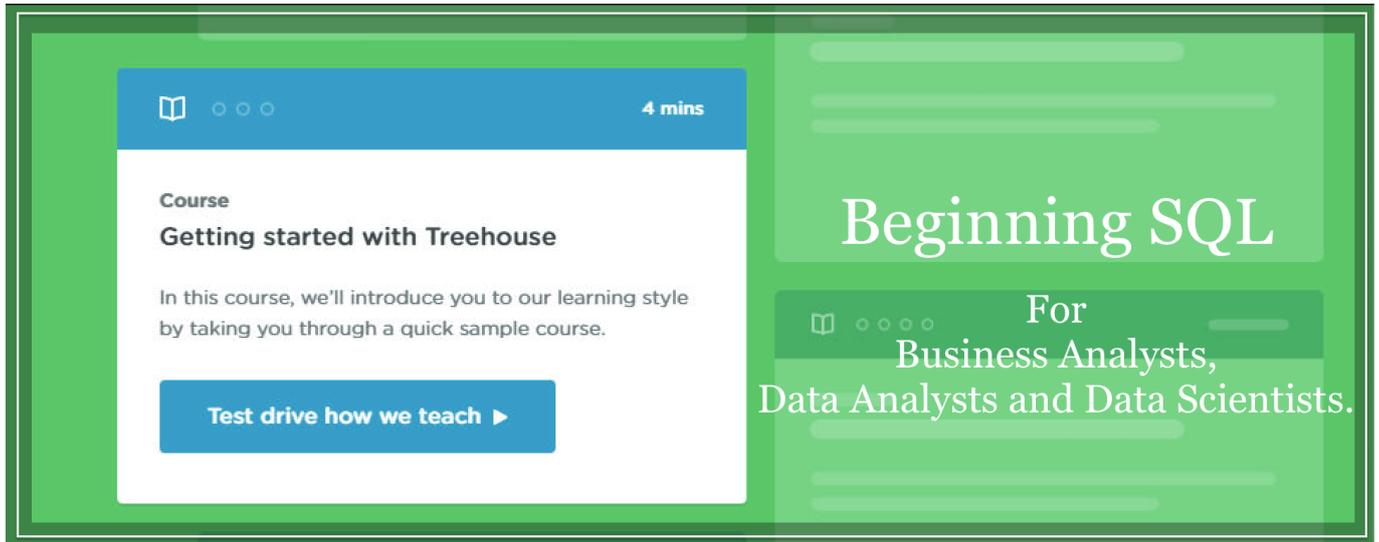
— Beginning SQL



Beginning SQL track offered by Treehouse is divided into 6 courses, including 1 workshop. All these courses are designed to equip you with skills to search, sort,

aggregate, and analyze data to create complex reports to help make important business decisions.

You will also understand the process and techniques involved in read information and how to use it for CRUD (create, read, update and delete) operations.



Is it right for you?

This learning track is suitable for beginners who can want to Master the SQL language for Data Science.

The courses offered will cover the Data Centric topics in SQL about counting records, finding average values, and performing mathematical operations on data.

Upon the completion, you will be able to to create complex queries that join information across multiple tables of data and databases with millions of pieces of information.

GO TO LEARNING TRACK

Thanks for making it to the end :-)

If you liked this article, I've got a few very practical reads for you. One about How to [Become a Data Scientist](#) and one about the [Best Data Science Courses](#), on the Internet.

I've also got this [data science newsletter](#) that you might be into. I send a tiny email once every fortnight with some useful and cool stuff I've found/made.

Don't worry, I hate spam as much as you. 

Image Credits: blog.upperlinecode.com/sql-making-databases-easy-since-the-1970s-a352568ff1f