**Resources to learn SQL online**

I am providing this list for two reasons; 1) to show you that there are LOTS of resources out there, 2) while I cannot compete with online resources, what I do offer is my own expertise and experience in small group settings.

To start off, I found an online article that lists out 18 resources; I will cover some of them, but not all. I will also touch on others that are not listed in the article:

<http://www.vertabelo.com/blog/notes-from-the-lab/18-best-online-resources-for-learning-sql-and-database>

CodeMentor also has quite a comprehensive list:

<https://www.codementor.io/learn-sql-online>

[**SQLCourse**](http://www.sqlcourse.com/): A little clunky, but goes over all the basics. Also has a slightly more advanced version at [SQLCourse2](http://www.sqlcourse2.com/).

[**W3Schools**](http://www.w3schools.com/sql/): A nice fresh feel, good examples, but only sticks to the most basic things. They do not yet offer a certificate, but I hear one is being planned.

[**Stanford MOOC**](https://lagunita.stanford.edu/courses/DB/SQL/SelfPaced/about): This is an interesting conceptual offering; Stanford offers an entire suite of database classes for free, overlapping what is offered to paying students. The trade-off is that Stanford gets to add you to their ongoing research. Seems well structured. A bit time-intensive.

[**graspSQL**](http://www.graspsql.com/): a little immature and simplistic, but does a good job of covering the bases. The simple HTML might be a little confusing to navigate.

[**Konagora**](http://www.konagora.com/): I actually know the author of the book “SQL Success” and the companion website. Faroult has done a lot of work to present SQL in a very practical application context, which I think is crucial since SQL does not stand alone. Faroult has a great sandbox environment, including a “final exam” area, and several worked practice challenges.

[**CodeSchool**](https://www.codeschool.com/courses/try-sql): very fresh web2.0 feel, well-designed lessons and flow. The first “course” is free and offers a great introduction to SQL. The slightly more advanced “Sequel to SQL” is not free, but the price is exceptionally low. Has a role-playing game aspect in that you “level up” and earn badges.

This last one is a really cool and nifty tool, but not really training material per se - I recommend that you create a SQL Portfolio with a tool like this:

[**SQLFiddle**](http://sqlfiddle.com/)

I have found in my own experience that there is no silver bullet - you have to look for what works for you. Some people like videos, others like working examples, while others need to be presented with a challenge.