

Foundational Skills 101

Introduction to SQL

Objectives:

- Understanding databases and SQL
- Basic SQL syntax

Read this [article](#)

1. Why is SQL important for Data Science?
2. For the introduction to SQL, we shall run through the first segment of course material (**SQL Tutorial**) on W3 schools provided [here](#).

Reflection:

After completion of SQL basics, go through the [SQL quiz](#) to test out your skills!

More Resources on introduction to SQL

- [Getting started with SQL](#)
- [Select, Where & From](#)
- [Group by, Having & Count](#)
- [Order by](#)
- [As & With](#)
- [Joining data](#)

Exercise:

<https://www.kaggle.com/code/scratchpad/notebook3e6f464230/edit>

More resources on advanced SQL

- [Joins & Unions](#)
- [Analytic Functions](#)
- [Nested & Repeated Data](#)

- [Writing efficient functions](#)

Exercise:

<https://www.oreilly.com/library/view/google-bigquery-the/9781492044451/>

~ Happy Learning 😊