Instructional Videos & Learning Materials: Intro to SQL

WATCH

Watch this week's video, download the working files so you can follow along and experiment with the platform we'll be using for the course.

**Intro to Database and SQL Part 1 Video**

**Intro to Database and SQL Part 2 Video**

## WORKING FILES

You will need the following files to get set up for this week. They include the following:

* Jupyterhub notebook (download to a personal device then upload to your Jupyterhub). Also, download the image and sample database and place them in the same directory in your Jupyterhub notebook.
  + [Intro to Database and SQL Part 1 Jupyter Notebook](https://elearning.mines.edu/courses/52392/files/5459058/download?wrap=1)[Download Intro to Database and SQL Part 1 Jupyter Notebook](https://elearning.mines.edu/courses/52392/files/5459058/download?download_frd=1)
  + [Supporting Image](https://elearning.mines.edu/courses/52392/files/5459005/download?wrap=1)[Download Supporting Image](https://elearning.mines.edu/courses/52392/files/5459005/download?download_frd=1)
  + [Introduction to Database and SQL Part 2 Jupyter Notebook](https://elearning.mines.edu/courses/52392/files/5459056/download?wrap=1)[Download Introduction to Database and SQL Part 2 Jupyter Notebook](https://elearning.mines.edu/courses/52392/files/5459056/download?download_frd=1)
* Additional Materials
  + Download [this sample database file](https://elearning.mines.edu/courses/52392/files/5459200/download?wrap=1)[Download this sample database file](https://elearning.mines.edu/courses/52392/files/5459200/download?download_frd=1)
* PDF files that contains the same information as the Jupyterhub notebooks, in case your Juypterhub is not yet working.
  + [Introduction to Database and SQL Part 1 PDF](https://elearning.mines.edu/courses/52392/files/5459101/download?wrap=1)[Download Introduction to Database and SQL Part 1 PDF](https://elearning.mines.edu/courses/52392/files/5459101/download?download_frd=1)
  + [Introduction to Database and SQL Part 2 PDF](https://elearning.mines.edu/courses/52392/files/5459192/download?wrap=1)[Download Introduction to Database and SQL Part 2 PDF](https://elearning.mines.edu/courses/52392/files/5459192/download?download_frd=1)

## ADDITIONAL RESOURCES

The links below are supplementary resources to help you review or strengthen the topics we have discussed:

* [SQL Query BasicsLinks to an external site.](https://blog.hubspot.com/marketing/sql-tutorial-introduction)
* [Optimizing Query PerformanceLinks to an external site.](https://www.geeksforgeeks.org/what-are-the-best-ways-to-write-a-sql-query/)