In this class we’ve gone over relational databases and how SQL is used to retrieve data from them. However, because of the popularity and versatility of SQL, SQL is also used for many big data applications. Below are a few resources for how SQL is used with common big data and data science languages.

SQL for R

* [SQLDF Package](https://cran.r-project.org/web/packages/sqldf/index.html)
* [Documentation](https://cran.r-project.org/web/packages/sqldf/sqldf.pdf)
* [Examples](https://www.r-bloggers.com/manipulating-data-frames-using-sqldf-a-brief-overview/)

SQL for Spark

* [Overview](https://spark.apache.org/docs/latest/sql-programming-guide.html#overview)
* [Documentation](https://spark.apache.org/docs/latest/sql-programming-guide.html)

SQL with Hadoop

* [Hive Overview](https://hive.apache.org/)
* [Documentation](https://cwiki.apache.org/confluence/display/Hive/LanguageManual)

SQL for Python

* [Python-SQL Package Documentation](https://pypi.python.org/pypi/python-sql)