

Getting started in R and SQL - Resources

Here are the resources mentioned at the London Business Analytics Group session this week for installing and using R and SQL.

R

You can either install and run R locally (preferred) or use on the cloud if local installation is not possible

Local installation

Download and install R from <https://cran.r-project.org>.

RStudio is a fantastic essential development environment. Download and install the free open source license version from <https://rstudio.com/products/rstudio/download/>.

Cloud environments

RStudio Cloud is an experimental, and currently free, implementation of RStudio at <https://rstudio.cloud>.

Azure Notebooks are free and have a R Kernel. <https://notebooks.azure.com/>

Example R Scripts

The links to the book, article and accompanying R Scripts that I mentioned during the session are

- The Art of Statistics [Book](#) [R Scripts](#)
- The Economist [Article](#) [R Scripts](#)

SQL

SQL Clients

Here are three options for a SQL client (software to connect to and explore databases and write and execute SQL statements)

If you are using SQL Server from a Windows PC then [SSMS](#) is the traditional choice.

If you are using SQL Server from a Mac or Linux, then [Azure Data Studio](#) is a good option.

[DBeaver](#) is a great open source SQL client that connects to a lot of databases (including SQL Server) and has a free open source community edition.

SQL Database

If you want to create a SQL database, a good option is to create a SQL Server database on Azure. You can get 12 months of free Azure credits [here](#).

We will have a session, probably in late June, where we will go through the practical details.