

# Quantitative and spatial analysis 2021

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# Chapter 1

## Using the RStudio server

### 1.1 Introduction

RStudio is a complete environment for working with the R language. Once you have got used to it you will find that it makes working with R far more productive than using the R console version. However some of the concepts involved in using RStudio may be new. RStudio provides an interface for working with R code, rather than an interface for running analyses directly.

There are a lot of new concepts to get used to, so you may have to work through the videos in this class several times in order to get used to the RStudio way of working.

At the end of the class you will have learned

1. How to log into the RStudio server.
2. How to navigate around the interface.
3. How to upload data files from your PC onto the server in order to analyse them in R
4. How to organise your work in the form of projects
5. How to start a new analysis in the form of an R markdown document.

### 1.2 Getting started with the RStudio server

The RStudio server version runs directly through any web browser. **There is no need to install any software on your laptop, PC or tablet**

Access to the server is through the following URL. This works both on and off campus.

<http://r.bournemouth.ac.uk:8789/>