Installing R and RStudio

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Purpose

- These slides guide you through the process of installing R and RStudio onto a desktop.

- R, RStudio and R Packages are three distinct things:
  - R is a **programming language** built for statistics.
  - RStudio is a **development environment** in which R runs. It makes R easier to use.
  - Packages are **collections of specialist tools** which make R more suited for certain tasks.

- Instructions are given for Windows computers, but should be the same for Mac and Linux; simply click on the appropriate option when they are presented.

How to Install R

1. Go to cloud.r-project.org.
2. Select **Download R for Windows**.
3. Select **base**.
4. Click **Download R #version# for Windows**.
5. **Run the .exe** to install R.

How to Install RStudio

1. Go to rstudio.com.
2. Navigate to **products** > **RStudio**.
3. Scroll down and select **Download Rstudio Desktop**.
4. Select **RStudio Desktop – Open Source License** (Free option).
5. Select **RStudio #version# - Windows**.
6. **Run the .exe** to install RStudio.

How to Install Packages

1. **Launch RStudio**.
2. In the console (the place you can type on the left-hand side of the screen, where the line starts with a ">") type the following commands, pressing enter between them:

```
install.packages("openair")
install.packages("tidyverse")
```