1. Install R and RStudio:

1. **Install R**:

   - Go to [CRAN](#) (the Comprehensive R Archive Network).

   - Download and install R for your operating system.

2. **Install RStudio** (an IDE for R):

   - Go to the [RStudio download page](#).

   - Download and install the free Desktop version.

2. Open the R script in RStudio:

- Start RStudio.

- Go to **File > Open File** and select the **XN - FinalEDA.R** script.

3. Install the required packages:

In the script, there are lines for installing packages, which are commented out. Uncomment them to install the necessary packages:

RCopy code

install.packages("dplyr") install.packages("ggplot2") install.packages("readr") install.packages("tidyr") install.packages("visdat") install.packages("writexl") install.packages("readxl")

To uncomment, remove the **#** at the start of each line. Then, highlight the lines and press the **Run** button in RStudio or press **Ctrl+Enter** (or **Cmd+Enter** on a Mac).

4. Load the necessary libraries:

The script will load the necessary libraries automatically, provided they are installed. This is done using the **library()** function. If there are any issues or errors at this stage, it likely means a required package hasn't been installed.

5. Load your data:

Locally_Inspired_Order <- read_excel(file.choose()), which will open a dialog box for you to select an Excel file. Ensure you have the data file ready to load.

6. Run the script:

- Place your cursor at the beginning of the script.

- Press **Ctrl+Enter** (or **Cmd+Enter** on a Mac) repeatedly to run the script line by line. Or, highlight the entire script and click the **Run** button in RStudio.

7. Save your work:

If you make any changes to the script or if there are outputs you'd like to save, remember to save them. In RStudio, you can save plots, dataframes, and scripts.