**1. Install R and RStudio:**

1. **Install R**:
   * Go to [CRAN](https://cran.r-project.org/) (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](https://rstudio.com/products/rstudio/download/).
   * 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:

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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:**

The script seems to have a line **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. Interpret the results:**

The script will likely provide outputs such as summaries, visualizations, or cleaned datasets. Pay attention to the RStudio console and plots pane to see the results.

**8. 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.