



INTRODUCTION TO R

BY: PR. FATTOUCH SAMI
AND: BEN ARIBI HIBA

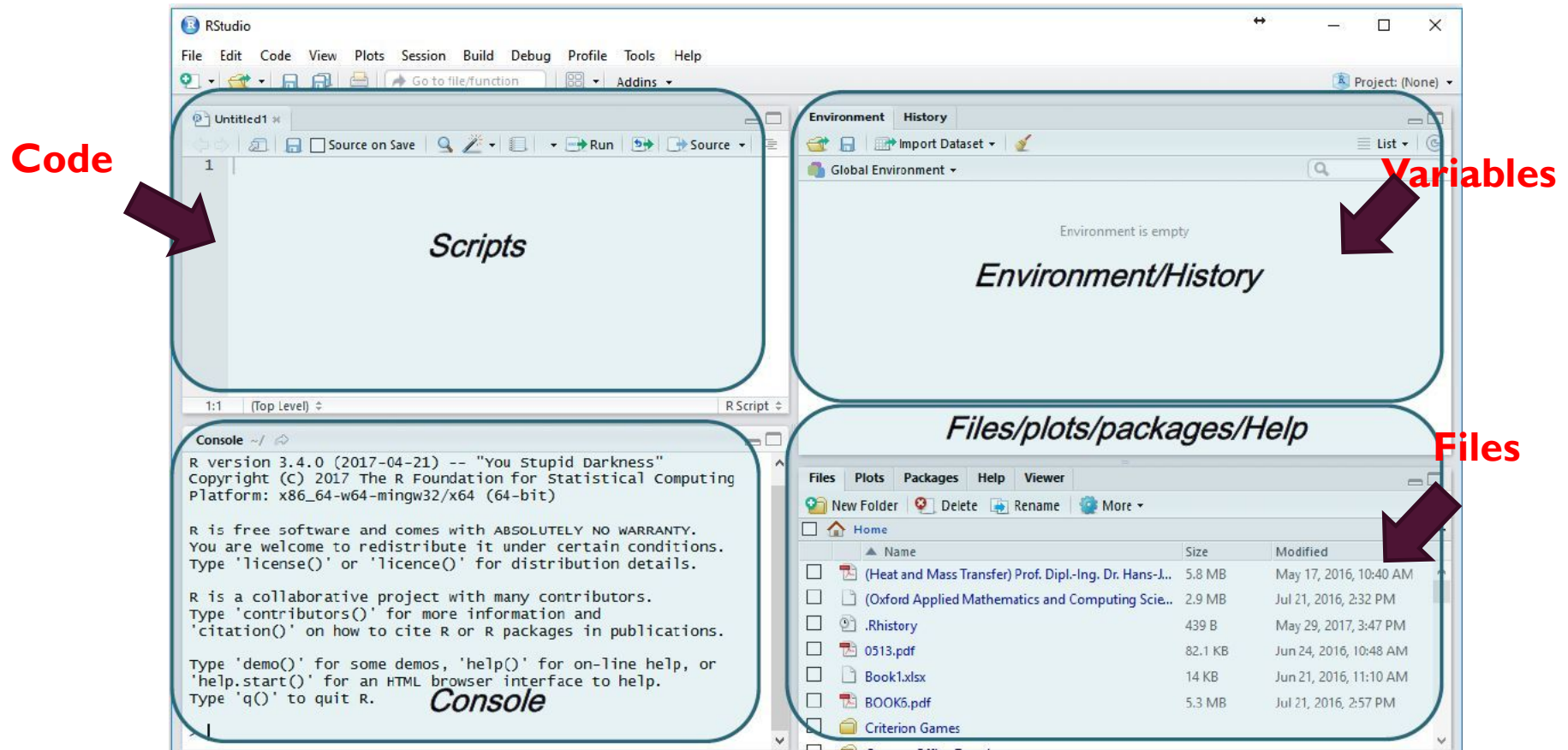
INTRODUCTION TO R

- R is an open-source programming language
- widely used as a statistical software and data analysis tool.
- Also used for machine learning
- R is available across on Windows, Linux, and macOS.

PYTHON VS R

	R	Python
Interface	RStudio	Conda environment ; Ipython Notebook; Visual code studio
Tools	Packages	Librarries
Tools Source	Cran, Bioconductor	Conga, PyPi

INTRODUCTION TO RSTUDIO



Install a package

```
install.packages(« package name")
```

Load the package

```
library(package name)
```

Define a variable

```
Var <- 8
```

```
Var <- « A »
```

Function

```
Sum <- Var +2
```

Print result

```
Print(paste(« the sum is », Sum))
```