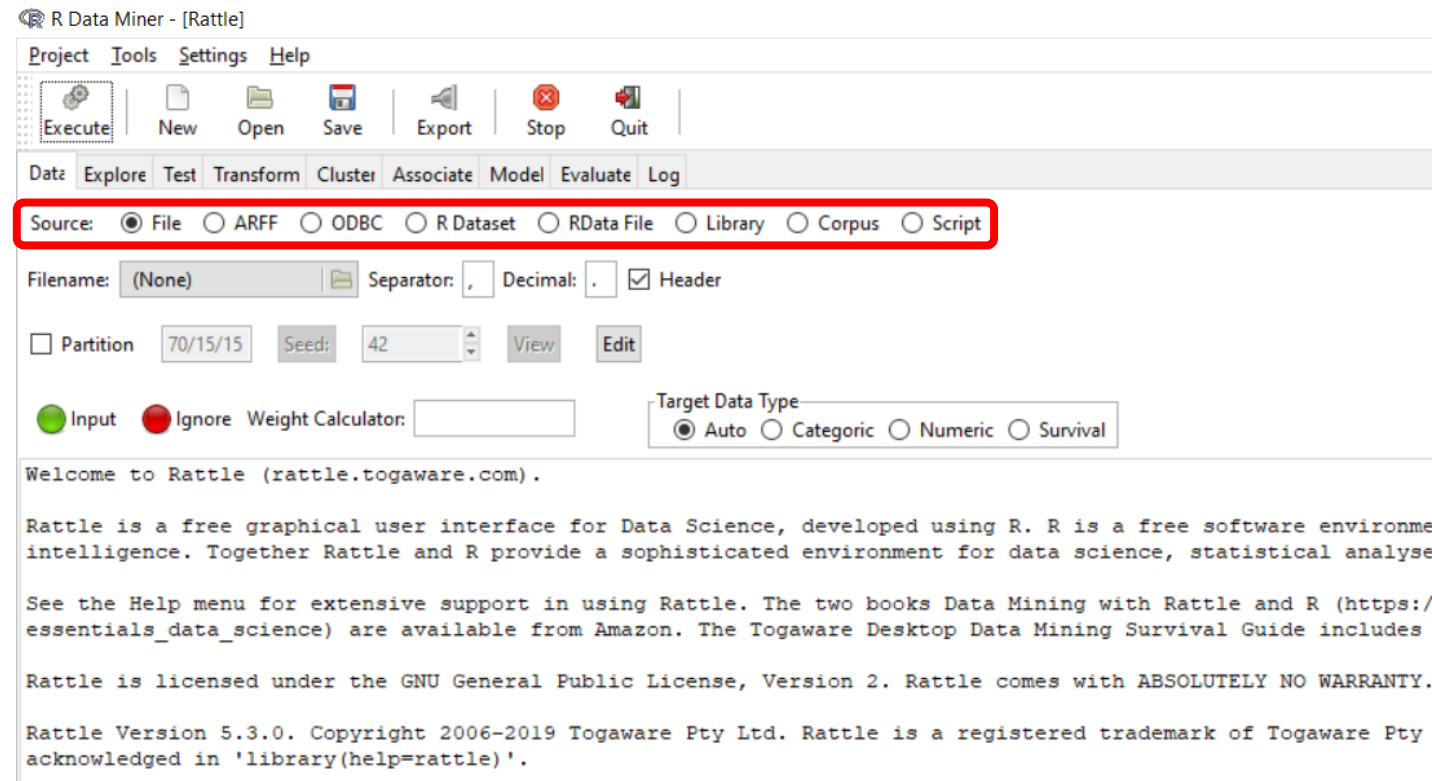# Rattle Tutorial

- Open Dataset

- Explore Data

- Transform Data

- Run Model

- Self-Assessment
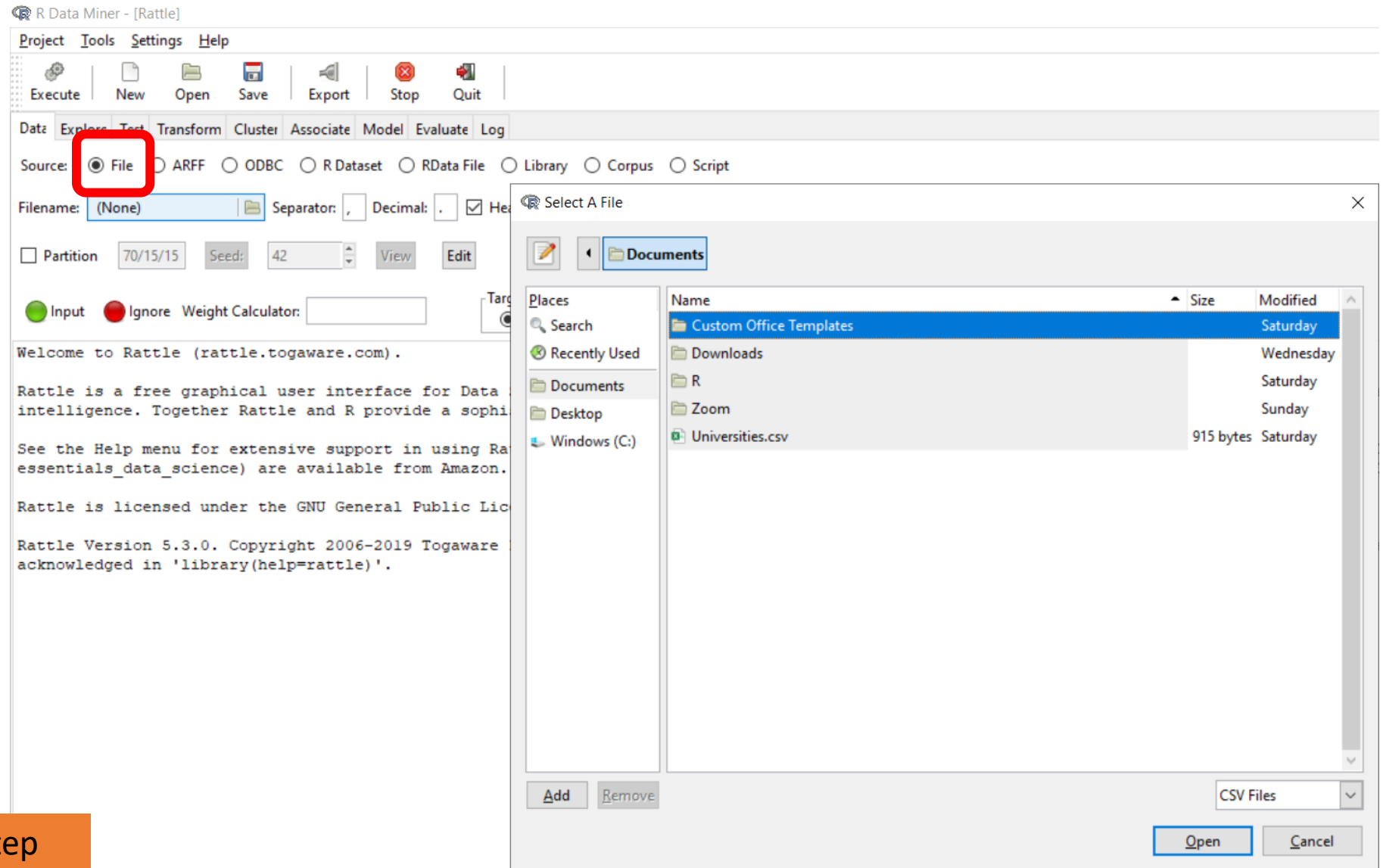
Rattle Features

Open Datasets

In Rattle, you may open a dataset in many ways:
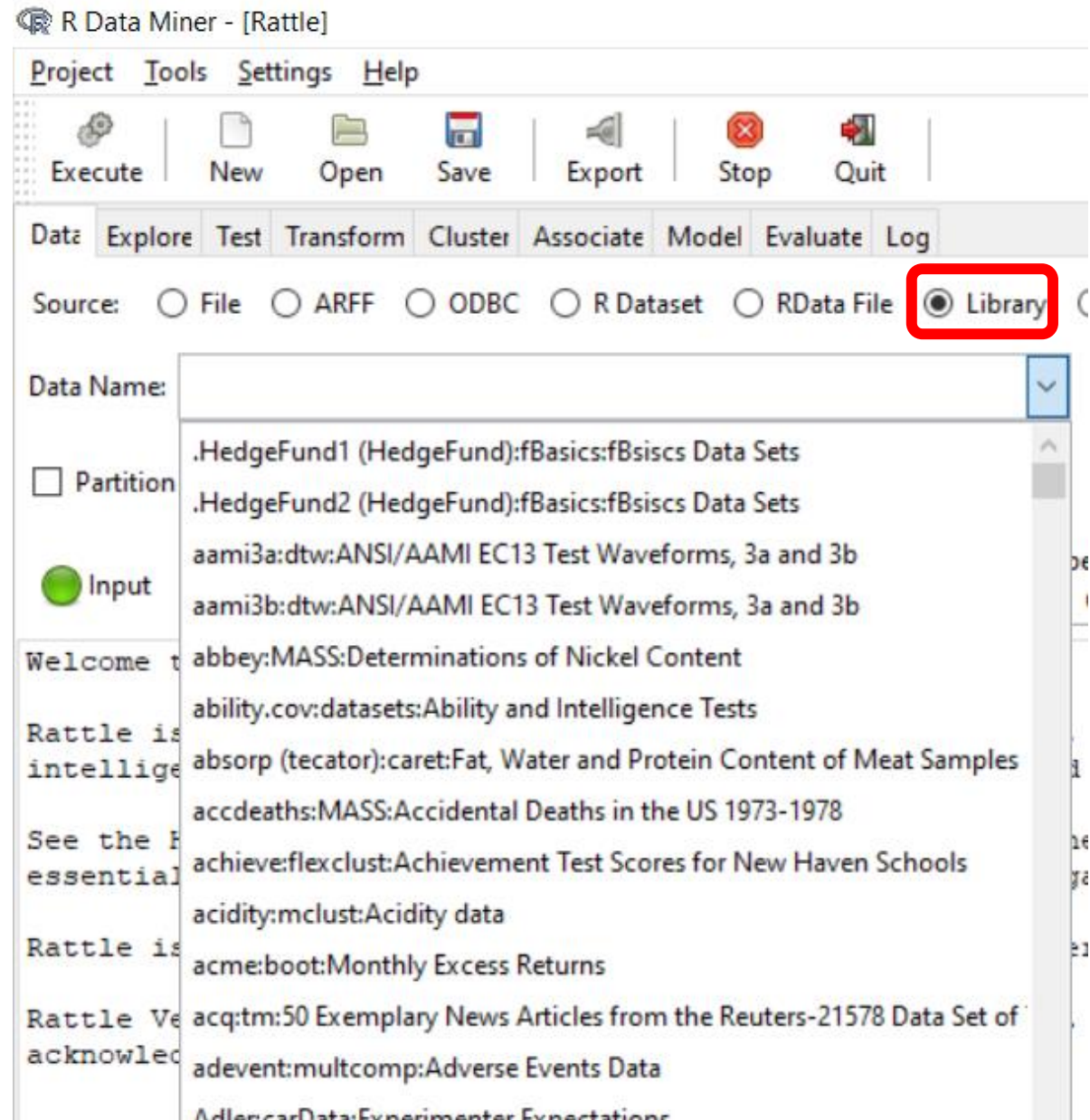
- *File on your machine*
- *From R library*

Open a data file from your system

Press Execute after every step

In case Rattle shows a message "requires a package", select "Yes" and check the RStudio console for any additional steps.

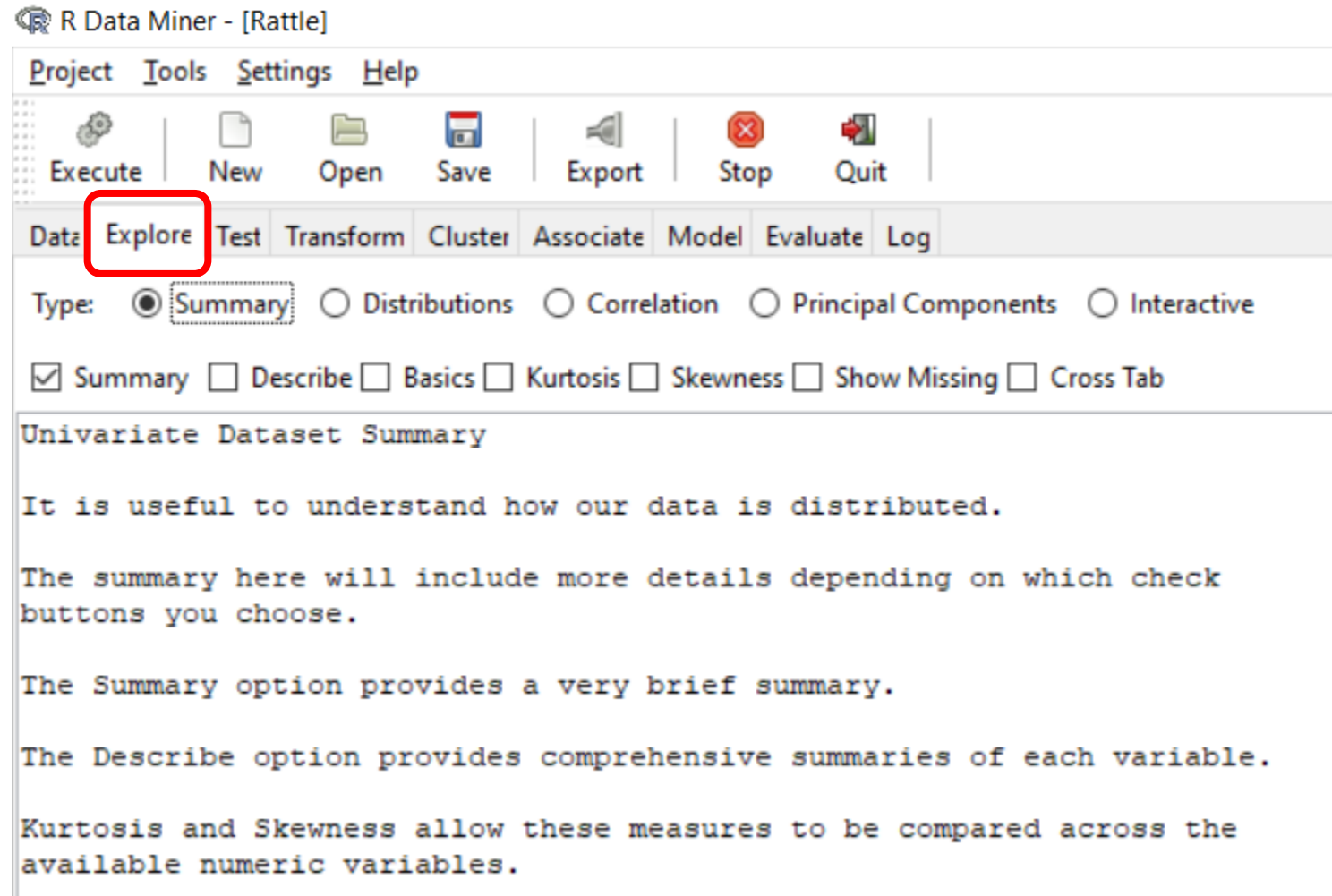# Open a data file from R library

Press Execute after every step

Rattle Features

Explore

Explore tab provides you options for getting basic summary, and visualizations
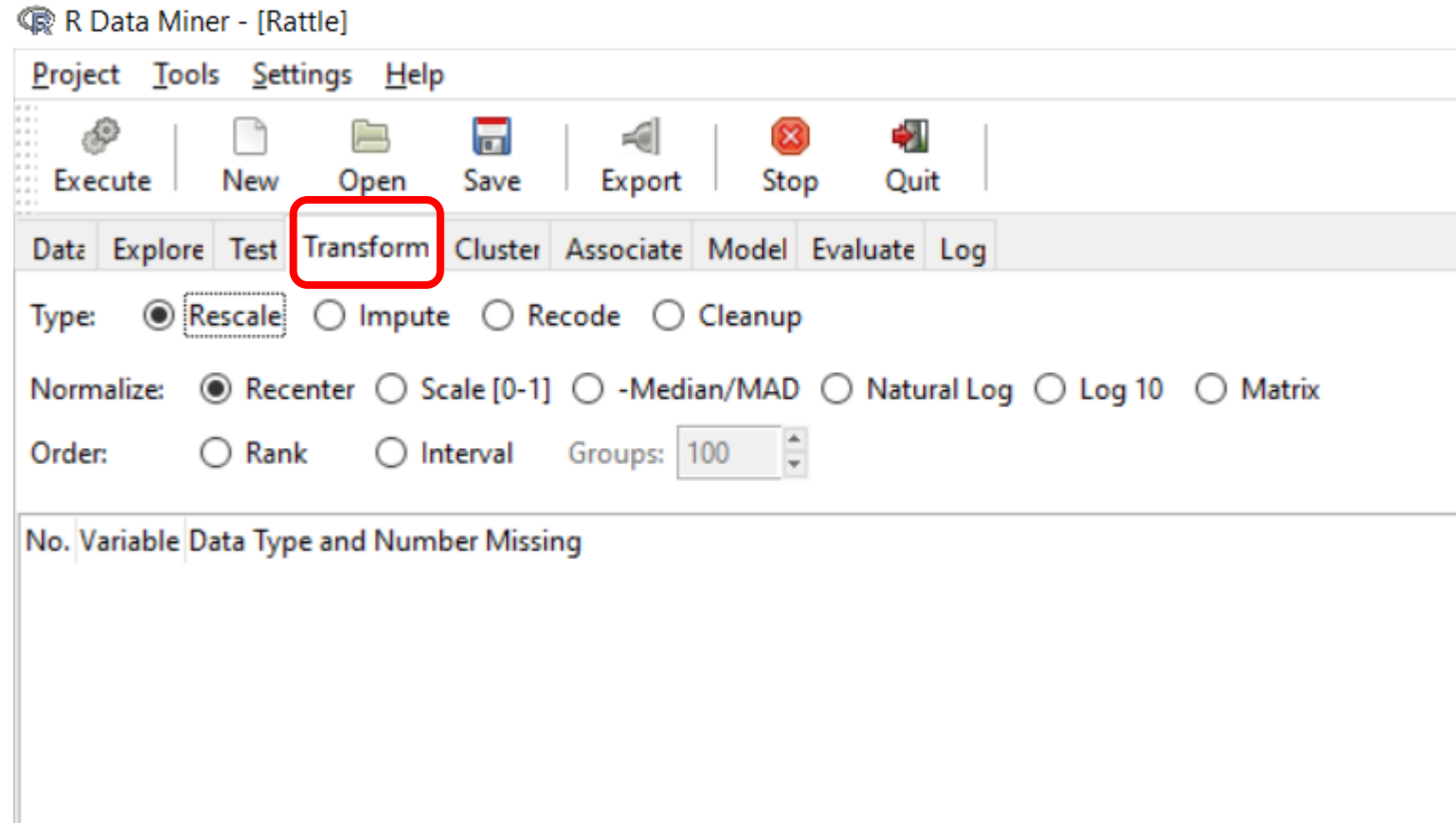
Press Execute after every step

Rattle Features

Transform

In the transform tab, you get the options to manipulate your data such as rescaling, handling missing values, changing data types, etc.
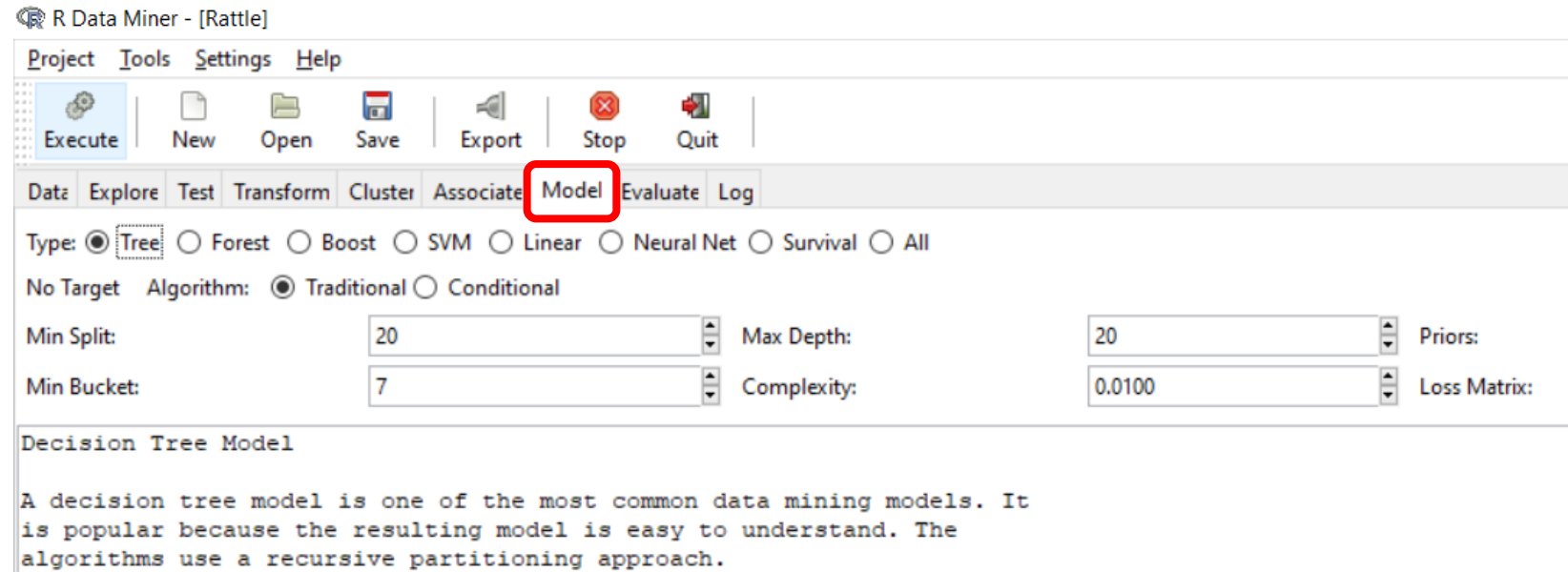
Rattle Features

Model

In the model tab, you have options to run many machine learning models.

We will use at least four of these models.

Press Execute after every step

Self Assessment

- Get Boston Housing MASS Data from the R Library

- Explore the Data – Create Histograms and Boxplots of MEDV and CRIME

- Create correlations among variables

You may perform this small self-assessment exercise to test your machine for required packages