

# Introduction to CFTool :

The cftool is a graphical user interface (GUI) tool in MATLAB that allows you to interactively fit curves and surfaces to your data. It provides a convenient way to explore different curve-fitting techniques and customize the fitting options.

## 1. Launching cftool

- Open MATLAB.
- In the Command Window, type cftool and press Enter.
- The cftool GUI window will open, providing an interactive environment for curve fitting.

## 2. Importing data

- In the cftool window, click on the "Import Data" button.
- Select the data file you want to use for curve fitting.
- The data will be loaded into the cftool environment.

## 3. Selecting Fitting type

- cftool supports various fitting types such as linear, exponential, polynomial, custom equations, and more.
- Choose the desired fitting type from the drop-down menu in the "Fitting" section.