

# Data pre-processing spread sheet or work sheet using AutoML Library Mito

## 1 Mito

Spreadsheets or Excel is the foremost and most adaptive way of exploring a dataset. It can help in making necessary changes to the datatypes, creating new features, sorting data, and creating new features out of already available features.

Following the same lines, Mito is a Jupyter-Lab extension and Python library that makes it super easy to manipulate data in the spreadsheet environment with GUI support and much more. In this article cum guide, I will explain:

How to properly set up Mito How to debug installation errors Usage of various features offered by the Mito How this library generates Python equivalent code for all the changes done on the dataset

```
[ ]: -> pip install mitoinstaller
```

```
[ ]: import mitosheet  
mitosheet.sheet()
```

Creating a Mitosheet

Importing Data into Mito

Pivot Tables

Filter Data

Graphing

Adding **and** Deleting Columns

Create Pivot Tables

Merging Two Datasets

Modifying Column Data types, sorting **and** filtering

Graphs **and** Stats Generation

Save **and** Replay

Backtracking **all** the Steps performed

```
[ ]:
```