In this module, you will learn how to perform some fundamental data wrangling tasks that, together, form the pre-processing phase of data analysis. These tasks include handling missing values in data, formatting data to standardize it and make it consistent, normalizing data, grouping data values into bins, and converting categorical variables into numerical quantitative variables.

**Learning objectives**

* Describe how to handle missing values
* Describe data formatting techniques
* Describe data normalization
* Demonstrate the use of binning
* Demonstrate the use of categotical variables