

# PANDAS

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pd.DataFrame(): The pd.DataFrame is used to create a dataframe, which is a 2D tabular data structure in pandas. It can be created from various data sources like lists, dictionaries, Numpy arrays or csv files.

df.head(): used to return the first n rows of the dataframe. By default it returns 5 rows.

df.describe(): generates descriptive statistics of values of the numerical columns of the dataframe. It provides info such as count, mean, standard deviation, minimum & maximum, quartiles.

df.groupby(): used to group rows of dataframe based on one or more ~~one~~ columns allows you to perform operations on grouped data like aggregation, transformation or filtering.

df.sort\_values(): used to sort a dataframe by one or more columns. allows you specify ascending or descending order.