Installing pandas
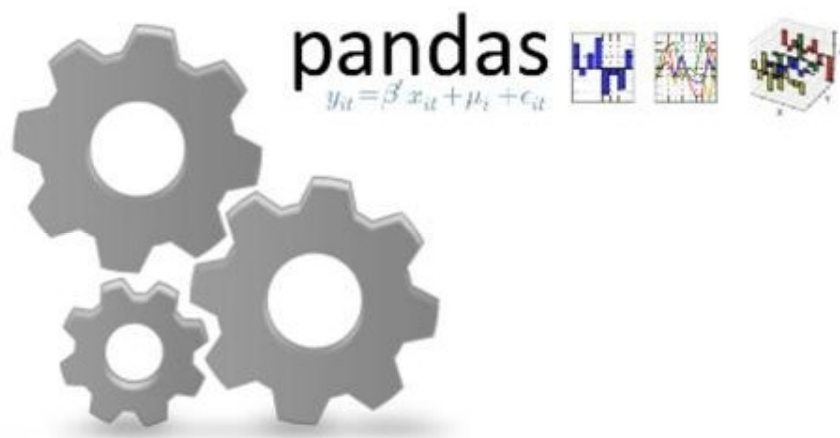
pandas

→ pandas is an open source, BSD-licensed library providing high-performance, easy-to-use data structures and data analysis tools for the Python programming language

→ It is built on top of NumPy, SciPy, to some extent matplotlib

→ pandas is well suited for many different kinds of data:

» Tabular data with heterogeneously-typed columns, as in an SQL table or Excel spreadsheet

» Ordered and unordered (not necessarily fixed-frequency) time series data

» Arbitrary matrix data (homogeneously typed or heterogeneous) with row and column labels

» Any other form of observational/statistical data sets. The data actually need not be labeled at all to be placed into a pandas data structure

pandas

→ Purpose

  » Analyzing data
  » Cleaning data
  » Munging data
  » Modeling data
  » Organizing the results of the analysis into a form which is suitable for plotting or tabular display

Refer - https://pypi.python.org/pypi/pandas/0.13.0/