

## \* Q - Assignment \*

1. Explain three dimensional data indexing?
- A It contains 70 indicators for development, organized along three dimensional & improvement. policies, practices and cultures.

what are the difference between a series and a data frame?

Series is a one dimensional object that can any data type, it can be float, string & anything. Data frame is a two dimensional objects. It had columns and rows.

what role does pandas play in data cleaning?

As we know that, data science is the discipline of study which involves extracting insights from huge amounts of data by the uses of various scientific methods, algorithms, and processes.

4. How do you use pandas to make a data frame out of n dimensional arrays?

A. 1. import pandas as pd # Create the data frame off = pd data frame (numpy-array).

2. df = pd data frame (numpy array columns).

5. Explain the notion of pandas plotting:

1. pandas uses the plot () method to create diagram. we can use pyplot a submodule of the matplotlib library to visualize the diagram on the screen.