Pandas \_series examples:

1. Write a Pandas program to create and display a one-dimensional array-like object containing an array of data using Pandas module.
2. Write a pandas program to convert a pandas module series to python list.
3. Write a pandas program to add, subtract, multiple and divide two pandas
4. series
5. Write a pandas program to add, subtract, multiple and divide two pandas
6. series
7. Write a pandas program to add, subtract, multiple and divide two pandas series.
8. Write a Pandas program to convert all the string values to upper, lower cases in a given pandas series. Also find the length of the string values.
9. Write a Pandas program to remove whitespaces, left sided whitespaces and right sided whitespaces of the string values of a given pandas series
10. Write a Pandas program to create and display a DataFrame consist of student name, father name , mobile number as columns and register number as index.
11. Write a Pandas program to get list from DataFrame column headers.
12. Write a Pandas program to change the name of the student.
13. Write a Pandas program to insert a new column “grade” in existing DataFrame.
14. Write a Pandas program to create and display a DataFrame from a
15. specified dictionary data which has the index labels

10. Write a pandas program to create and display a dataframe from a specified dictionary data which has the index labels.

Python Pandas Dataframe Basics

1. How to create a Dataframe

* Creating a DataFrame from a list of lists
* Creating a DataFrame from a dict of lists:
* Creating an index DataFrame from a dict of lists:
* Creating a DataFrame from a list of dicts
* Creating a DataFrame from a list of dicts and specifying the row indices.
* Creating a DataFrame from a list of dicts and specifying both the row indices and the column indices
* Creating a DataFrame from a list of tuples:
* Creating a DataFrame using the zip() function:
* Creating an empty DataFrame

2. How to sort rows within a pandas dataframe

3. How to find the largest value in a pandas dataframe

4. How to list unique value in a pandas dataframe

5. How to delete duplicates from a pandas dataframe

6. Rename column header in a pandas dataframe

7. Search pandas dataframe for a value

Note:The .where function helps to search a pandas dataframe for a value.

8. Drop row and column in a pandas dataframe

9. How to filter in a pandas dataframe

10. How to calculate moving average in a pandas dataframe

11. How to normalise a column in a pandas dataframe

12. How to assign new columns in a pandas dataframe

13. How to rank a pandas dataframe in ascending and descending order

14.Add row to a DataFrame