**1.import pandas**

**syntax:**import pandas as pd

**Use:**Import pandas in your python program to use any functions within panda.

**2.code:file = r'file:///C:/Users/Hiral Thakkar/Downloads/bank-data (1).csv'**

df = pd.read_csv(file)

print(df)

**Syntax:**pd.read_csv(file_path)

**Use:**

a.Reads the data from a csv file.

b.parameters:(file path),sets relative path to the csv file.

c.example:df = pd.read_csv(file).

d.returns DataFrame.

**3.code:file = pandas.read_csv("file:///C:/Users/Hiral Thakkar/Downloads/bank-data (1).csv",na_values=['']);**

**Syntax**:pandas.read_csv(file,na_values=['']);

**Use:**Reading files with missing values in python pandas.

**4.code:file=print("Total number of null values is",file.isnull().sum().sum());**

**Syntax**:file.isnull().sum().sum()

**Use:**To find out total no of null values in the whole data frame.

a.returns Integer value.

**5.code:print("Null values per attribute as given below:\n",file.isnull().sum());**

**Syntax:**file.isnull().sum()

**Use:**To find out total no of null values attribute wise.

Returns dtype object

**6.code:incomeMin = file['income'].min();**

**print(incomeMin)**

**Syntax:**file[‘attribute name’].min();

**Use:**prints minimum value of a particular attribute.

**7.code:incomeMin = ageMax = file['age'].max();**

**print(ageMax);**

**Syntax:**file[‘attribute name’].max();

**Use:**prints maximum value of a particular attribute.

**8.code:file['income'].fillna(incomeMin, inplace=True);**

**Syntax**:dataset.fillna(value, inplace = False)

**Use:**

a.Fills all the null values

b.Parameters

-**value** : value use to fill the null values.

-**inplace**: boolean [replaces in the same dataframe and doesnot create another object]

If True, fill in place. Note: this will modify any other views on this object, (e.g. a no-copy slice for a column in a DataFrame)

-**fillna:** fills the NaN values with a given number with which you want to substitute. It gives you an option to fill according to the index of rows of a pd.DataFrame or on the name of the columns in the form of a python dict.

c.Returns Dataframe