5/19/22, 8:19 AM Assignment3

pip install pandas In [2]:

Requirement already satisfied: pandas in c:\users\mahima-pc\appdata\local\programs\py thon\python38-32\lib\site-packages (1.4.2)

Requirement already satisfied: pytz>=2020.1 in c:\users\mahima-pc\appdata\local\progr ams\python\python38-32\lib\site-packages (from pandas) (2020.5)

Requirement already satisfied: python-dateutil>=2.8.1 in c:\users\mahima-pc\appdata\l ocal\programs\python\python38-32\lib\site-packages (from pandas) (2.8.2)

Requirement already satisfied: numpy>=1.18.5 in c:\users\mahima-pc\appdata\local\prog rams\python\python38-32\lib\site-packages (from pandas) (1.20.3)

Requirement already satisfied: six>=1.5 in c:\users\mahima-pc\appdata\roaming\python \python38\site-packages (from python-dateutil>=2.8.1->pandas) (1.14.0)

Note: you may need to restart the kernel to use updated packages.

WARNING: You are using pip version 21.1.2; however, version 22.0.4 is available. You should consider upgrading via the 'c:\users\mahima-pc\appdata\local\programs\pyth on\python38-32\python.exe -m pip install --upgrade pip' command.

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In [3]: import pandas as pd
        #Dataset CSV
        url = "edudata.csv"
        df = pd.read csv(url)
        print(df)
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```
In [4]: #print the dimension of dataset
          df.shape
         (28, 13)
Out[4]:
          url = "edudata.csv"
In [24]:
          df = pd.read_csv(url)
          #maximum for all value in a dataset
          df.max(numeric_only=True)
                  70.0
         cns
Out[24]:
                 88.0
         dsa
         oops
                 44.0
         os
                 99.0
         dtype: float64
         #maximum for particular value in a dataset
 In [7]:
          print(df['os'].max())
         99
         df.min(numeric only=True)
In [23]:
                   0.0
         cns
Out[23]:
         dsa
                   0.0
         oops
                   0.0
                 11.0
         os
         dtype: float64
 In [9]: #min for particular value in a dataset
          print(df['os'].min())
         11
         #mean for all value in a dataset
In [22]:
          print(df.mean(numeric only=True))
         cns
                  25.571429
                  26.814815
         dsa
                 16.428571
         oops
                  53.392857
         os
         dtype: float64
         print(df.isnull().values.any())
In [11]:
         True
         df1 = df.dropna()
In [12]:
In [21]:
         print(df.mean(numeric_only=True))
                  25.571429
         cns
         dsa
                  26.814815
                  16.428571
         oops
                  53.392857
         os
         dtype: float64
In [20]:
         #mean for all particular value in a dataset
          print(df['os'].mean())
         53.392857142857146
```

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