**import** pandas **as** pd

df **=** pd**.**read\_csv('wages.csv')

print("-------------Dataframe Described-------------")

print(df**.**describe())

print("\n")

print("-------------Dataframe Shape-----------------")

print(df**.**shape)

print("\n")

print("-------------Dataframe Size-----------------")

print(df**.**size)

print("\n")

print("-------------Dataframe Min Value-----------------")

print(df**.**min())

print("\n")

print("-------------Dataframe Max Value-----------------")

print(df**.**max())

print("\n")

print("-------------Age Column Mean-----------------")

print(df['age']**.**mean())

print("\n")

print("-------------Age Column Median-----------------")

print(df['age']**.**median())

print("\n")

print("-------------Age Column Mode-----------------")

print(df['age']**.**mode())

print("\n")

print("-------------Age Column Standard Deviation-----------------")

print(round(df['age']**.**std(),4))

print("\n")

print("-------------Age Column Descibe-----------------")

print(round(df['age']**.**describe(),3))

print("\n")

print("-------------Age Column Grouped By Education (Describe)-----------------")

print(df['age']**.**groupby(df['ed'])**.**describe())

print("\n")

Exp2:

**import** pandas **as** pd

**import** numpy **as** np

**import** matplotlib.pyplot **as** plt

df **=** pd**.**read\_csv('iris.csv')

print("------------------DataframeInfo-----------------")

print(df**.**info())

print("\n")

print("-----------------Dataframe Shape-----------------")

print(df**.**shape)

print("\n")

print("--------------Dataframe Describe---------------------")

print(df**.**describe())

print("\n")

print("-----------------Basic Statistics (Iris-setosa)-----------------")

df\_setosa = df["Species"] == "Iris-setosa"

print(df[df\_setosa].describe())

print("\n")

print("-----------------Basic Statistics (Iris-versicolor)-----------------")

df\_versicolor = df["Species"] == "Iris-versicolor"

print(df[df\_versicolor].describe())

print("\n")

print("-----------------Basic Statistics (Iris-virginica)-----------------")

df\_virginica **=** df["Species"] **==** "Iris-virginica"

print(df[df\_virginica]**.**describe())

print("\n")