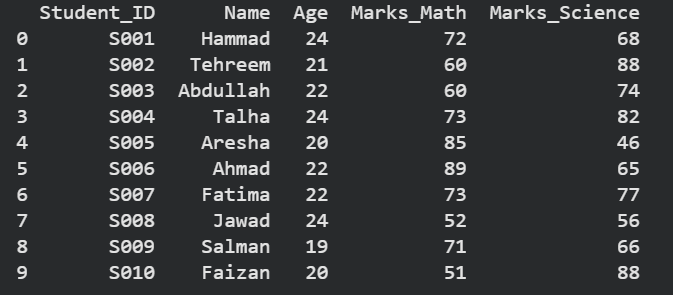
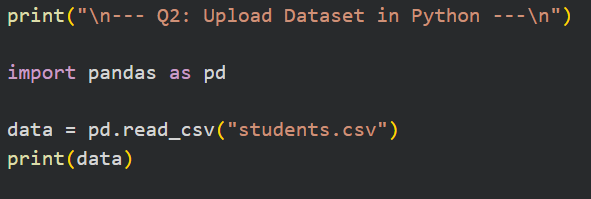
# **Q1: Create a Dataset Manually**

Create a CSV file named **students.csv** with the following data.



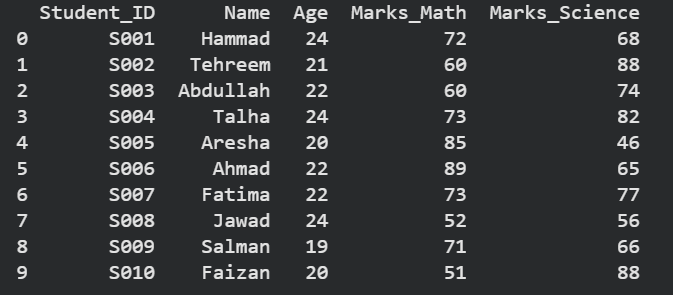
## **Q2: Upload Dataset in Python**



### 

### 

### **✔ Output**

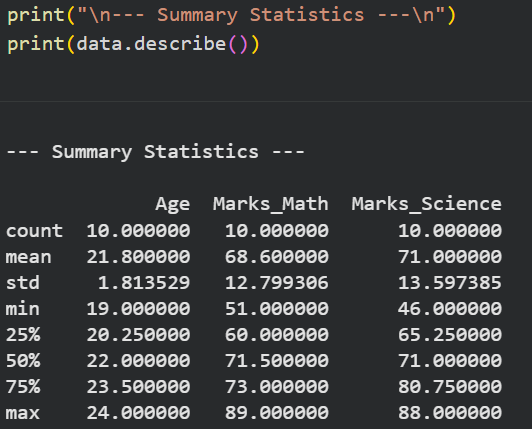


## **Q3: Observe Dataset Information**

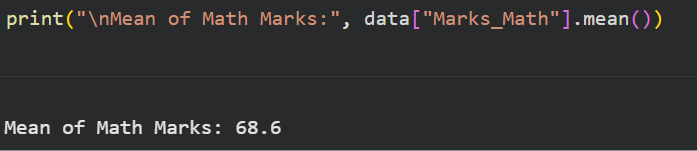
### **Dataset Structure**



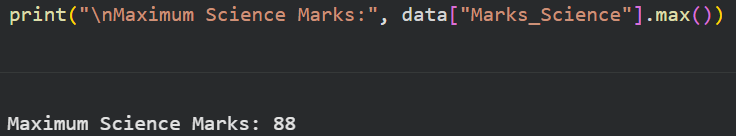
### **Summary Statistics**



### **Mean of Math Marks**



### **Maximum Science Marks**



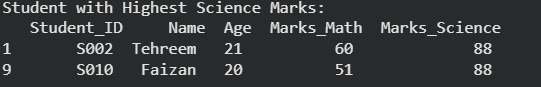
## **Q4: Perform Some Data Analysis**

## **Students with Math Marks > 50**

  
  
**OUTPUT  
**

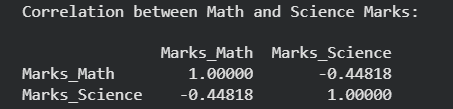
### **Student with Highest Science Marks**



**OUTPUT  
**

### **Correlation Between Math & Science Marks**

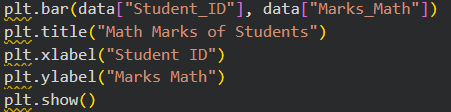
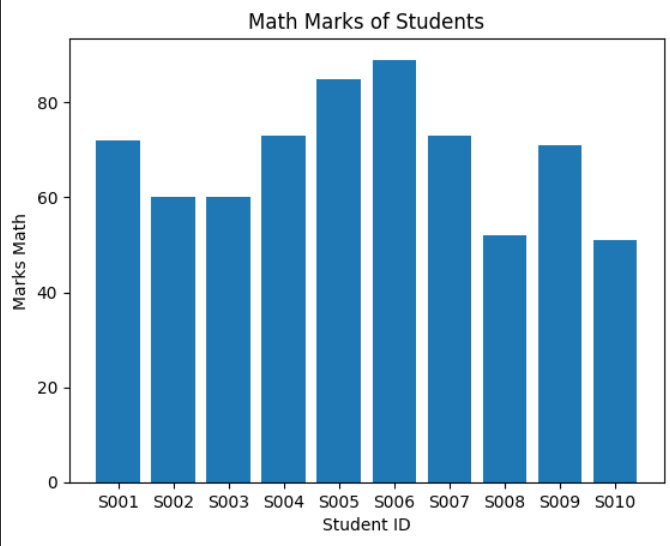


**OUTPUT  
**

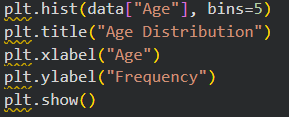
**Q5: Data Visualization**

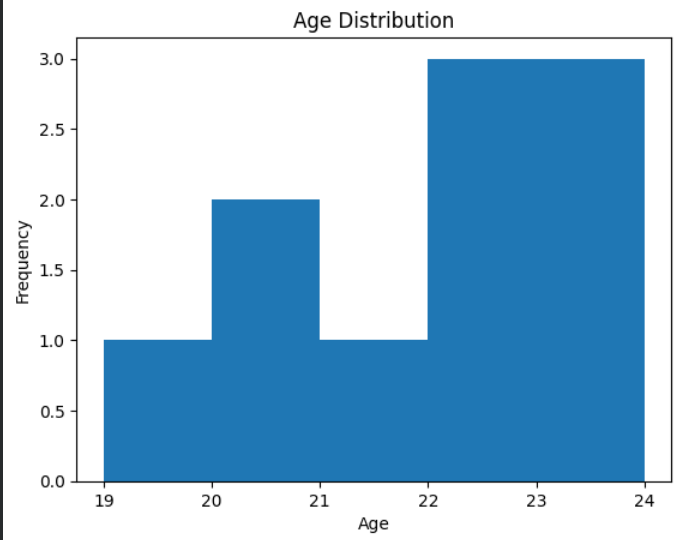
  
  
**OUTPUT  
**

### **Bar Chart: Student\_ID vs Marks\_Math**

  
  
**OUTPUT  
**

### **Histogram of Age**



**OUTPUT  
**

### 

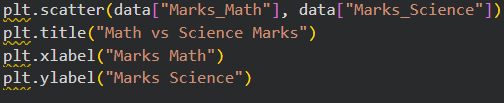
### 

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### **Scatter Plot: Math vs Science Marks**

  
  
**OUTPUT  
**