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```
- Data Analyzer Menu -
1. Input Data
2. Display Data Summary
3. Calculate Factorial
4. Filter Data (Lambda)
5. Sort Data
6. Display Dataset Statistics
7. Exit
Enter your choice: 1
Enter numbers separated by space: 34 56 12 78 43 21 90
Data stored successfully
```

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- Data Analyzer Menu -
1. Input Data
2. Display Data Summary
3. Calculate Factorial
4. Filter Data (Lambda)
5. Sort Data
6. Display Dataset Statistics
7. Exit
Enter your choice: 2
Total elements: 7
Minimum value: 12
Maximum value: 90
Sum of values: 334
Average value: 47.71
```

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- Data Analyzer Menu -
1. Input Data
2. Display Data Summary
3. Calculate Factorial
4. Filter Data (Lambda)
5. Sort Data
6. Display Dataset Statistics
7. Exit
Enter your choice: 3
Enter number: 5
Factorial: 120
```

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- Data Analyzer Menu -
1. Input Data
2. Display Data Summary
3. Calculate Factorial
4. Filter Data (Lambda)
5. Sort Data
6. Display Dataset Statistics
7. Exit
```

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6. Display Dataset Statistics
7. Exit
Enter your choice: 4
Enter threshold value: 50
Filtered data: [56, 78, 90]

- Data Analyzer Menu -
1. Input Data
2. Display Data Summary
3. Calculate Factorial
4. Filter Data (Lambda)
5. Sort Data
6. Display Dataset Statistics
7. Exit
Enter your choice: 5
1. Ascending
2. Descending
Enter choice: 1
Ascending Order: [12, 21, 34, 43, 56, 7]

- Data Analyzer Menu -
1. Input Data
2. Display Data Summary
3. Calculate Factorial
4. Filter Data (Lambda)
5. Sort Data
6. Display Dataset Statistics
7. Exit
Enter your choice: 6
Values using *args: (12, 90, 334, 47.71
Dataset Summary:
Minimum : 12
Maximum : 90
Sum : 334
Average : 47.71

- Data Analyzer Menu -
1. Input Data
2. Display Data Summary
3. Calculate Factorial
4. Filter Data (Lambda)
5. Sort Data
6. Display Dataset Statistics
7. Exit
Enter your choice: 7
Thank you Program ended
```