Logan Hammond

3 March 2020

SDEV 300, Fair

Lab 5 Results Document

```
               Welcome to the Python Data Analysis App

Select the file you want to analyze...
        1. Population Data.
        2. Housing Data.
        3. Exit the application.
1

You selected 1.

You selected Population Data. Please select column.

        1. Pop Apr 1
        2. Pop Jul 1
        3. Change Pop
        4. Exit column.
1

You selected 1.
        Count   = 557
        Mean    = 56557
        S.Dev.  = 158127
        Min     = 13519
        Max     = 3726157

        1. Pop Apr 1
        2. Pop Jul 1
        3. Change Pop
        4. Exit column.
```

Input 1 > 1.

```
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        1. Population Data.
        2. Housing Data.
        3. Exit the application.
1

You selected 1.

You selected Population Data. Please select column.

        1. Pop Apr 1
        2. Pop Jul 1
        3. Change Pop
        4. Exit column.
2

You selected 2.
        Count   = 557
        Mean    = 55758
        S.Dev.  = 136086
        Min     = 12619
        Max     = 3195153

        1. Pop Apr 1
        2. Pop Jul 1
        3. Change Pop
        4. Exit column.
```

Input 1 > 2.

```
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        1. Population Data.
        2. Housing Data.
        3. Exit the application.
1

You selected 1.

You selected Population Data. Please select column.

        1. Pop Apr 1
        2. Pop Jul 1
        3. Change Pop
        4. Exit column.
3

You selected 3.
        Count   = 557
        Mean    = -798
        S.Dev.  = 22711
        Min     = -531004
        Max     = 22363

        1. Pop Apr 1
        2. Pop Jul 1
        3. Change Pop
        4. Exit column.
```

Input 1 > 3.

```
                Welcome to the Python Data Analysis App

Select the file you want to analyze...
        1. Population Data.
        2. Housing Data.
        3. Exit the application.
1

You selected 1.

You selected Population Data. Please select column.

        1. Pop Apr 1
        2. Pop Jul 1
        3. Change Pop
        4. Exit column.
4

You selected 4.

Select the file you want to analyze...
        1. Population Data.
        2. Housing Data.
        3. Exit the application.
```

Input 1 > 4.

```
               Welcome to the Python Data Analysis App

Select the file you want to analyze...
        1. Population Data.
        2. Housing Data.
        3. Exit the application.
2

You selected 2.

You selected Housing Data. Please select column.

        1. AGE
        2. BEDRMS
        3. BUILT
        4. ROOMS
        5. UTILITY
        6. Exit column.
1

You selected 1.
        Count   = 10042
        Mean    = 47
        S.Dev.  = 23
        Min     = -9
        Max     = 93

        1. AGE
        2. BEDRMS
        3. BUILT
        4. ROOMS
        5. UTILITY
        6. Exit column.
```

Input 2 > 1.

```
               Welcome to the Python Data Analysis App

Select the file you want to analyze...
        1. Population Data.
        2. Housing Data.
        3. Exit the application.
2

You selected 2.

You selected Housing Data. Please select column.

        1. AGE
        2. BEDRMS
        3. BUILT
        4. ROOMS
        5. UTILITY
        6. Exit column.
2

You selected 2.
        Count   = 10042
        Mean    = 2
        S.Dev.  = 1
        Min     = 0
        Max     = 7

        1. AGE
        2. BEDRMS
        3. BUILT
        4. ROOMS
        5. UTILITY
        6. Exit column.
```

Input 2 > 2.

```
                Welcome to the Python Data Analysis App

Select the file you want to analyze...
        1. Population Data.
        2. Housing Data.
        3. Exit the application.
2

You selected 2.

You selected Housing Data. Please select column.

        1. AGE
        2. BEDRMS
        3. BUILT
        4. ROOMS
        5. UTILITY
        6. Exit column.
3

You selected 3.
        Count   = 10042
        Mean    = 1966
        S.Dev.  = 26
        Min     = 1919
        Max     = 2012

        1. AGE
        2. BEDRMS
        3. BUILT
        4. ROOMS
        5. UTILITY
        6. Exit column.
```

Input 2 > 3.

```
                Welcome to the Python Data Analysis App

Select the file you want to analyze...
        1. Population Data.
        2. Housing Data.
        3. Exit the application.
2

You selected 2.

You selected Housing Data. Please select column.

        1. AGE
        2. BEDRMS
        3. BUILT
        4. ROOMS
        5. UTILITY
        6. Exit column.
4

You selected 4.
        Count   = 10042
        Mean    = 5
        S.Dev.  = 1
        Min     = 1
        Max     = 14

        1. AGE
        2. BEDRMS
        3. BUILT
        4. ROOMS
        5. UTILITY
        6. Exit column.
```

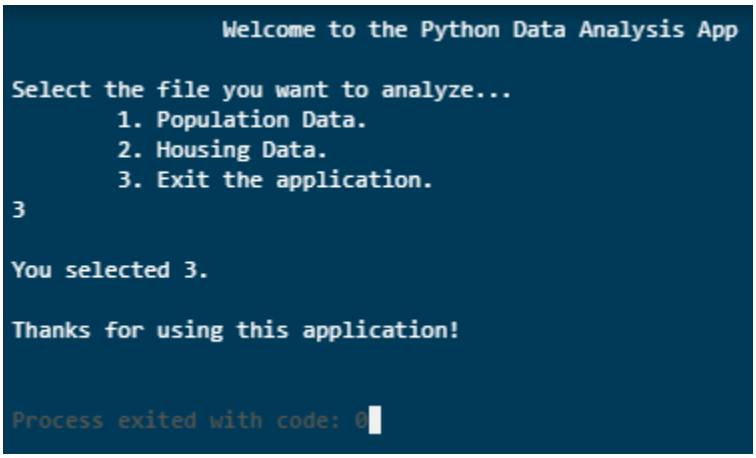
Input 2 > 4.

```
                Welcome to the Python Data Analysis App

Select the file you want to analyze...
        1. Population Data.
        2. Housing Data.
        3. Exit the application.
2

You selected 2.

You selected Housing Data. Please select column.

        1. AGE
        2. BEDRMS
        3. BUILT
        4. ROOMS
        5. UTILITY
        6. Exit column.
5

You selected 5.
        Count   = 10042
        Mean    = 189
        S.Dev.  = 128
        Min     = 0.0
        Max     = 1107.583333

        1. AGE
        2. BEDRMS
        3. BUILT
        4. ROOMS
        5. UTILITY
        6. Exit column.
```

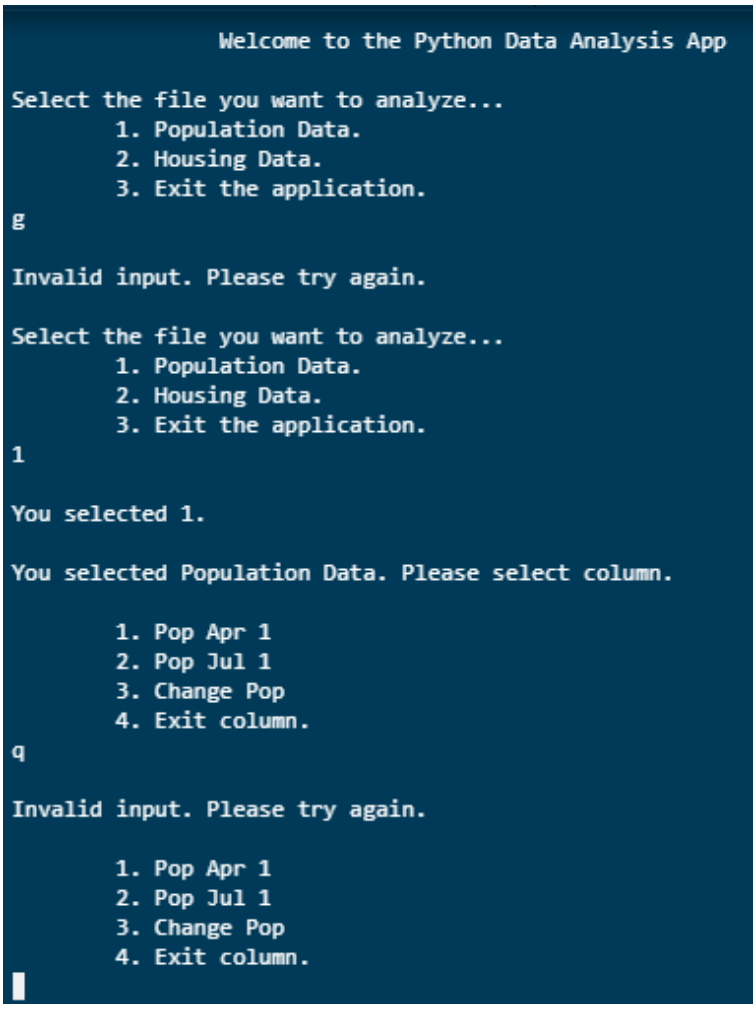
Input 2 > 5.

```
                Welcome to the Python Data Analysis App

Select the file you want to analyze...
        1. Population Data.
        2. Housing Data.
        3. Exit the application.
2

You selected 2.

You selected Housing Data. Please select column.

        1. AGE
        2. BEDRMS
        3. BUILT
        4. ROOMS
        5. UTILITY
        6. Exit column.
6

You selected 6.

Select the file you want to analyze...
        1. Population Data.
        2. Housing Data.
        3. Exit the application.
```

Input 2 > 6.



Input 3.



Invalid input.