In [3]:
```
%matplotlib inline
# Dependencies and Setup
import matplotlib.pyplot as plt
import pandas as pd
import numpy as np

# File to Load (Remember to change these)
city_data_to_load = "data/city_data.csv"
ride_data_to_load = "data/ride_data.csv"

# Read the City and Ride Data
city = pd.read_csv(city_data_to_load)
ride = pd.read_csv(ride_data_to_load)

# Combine the data into a single dataset
pyber = pd.merge(city, ride, how = "outer", on = "city")

# Display the data table for preview
pyber.head()
```

Out[3]:

	city	driver_count	type	date	fare	ride_id
0	Richardfort	38	Urban	2018-02-24 08:40:38	13.93	5628545007794
1	Richardfort	38	Urban	2018-02-13 12:46:07	14.00	910050116494
2	Richardfort	38	Urban	2018-02-16 13:52:19	17.92	820639054416
3	Richardfort	38	Urban	2018-02-01 20:18:28	10.26	9554935945413
4	Richardfort	38	Urban	2018-04-17 02:26:37	23.00	720020655850

In [1]:
```
```

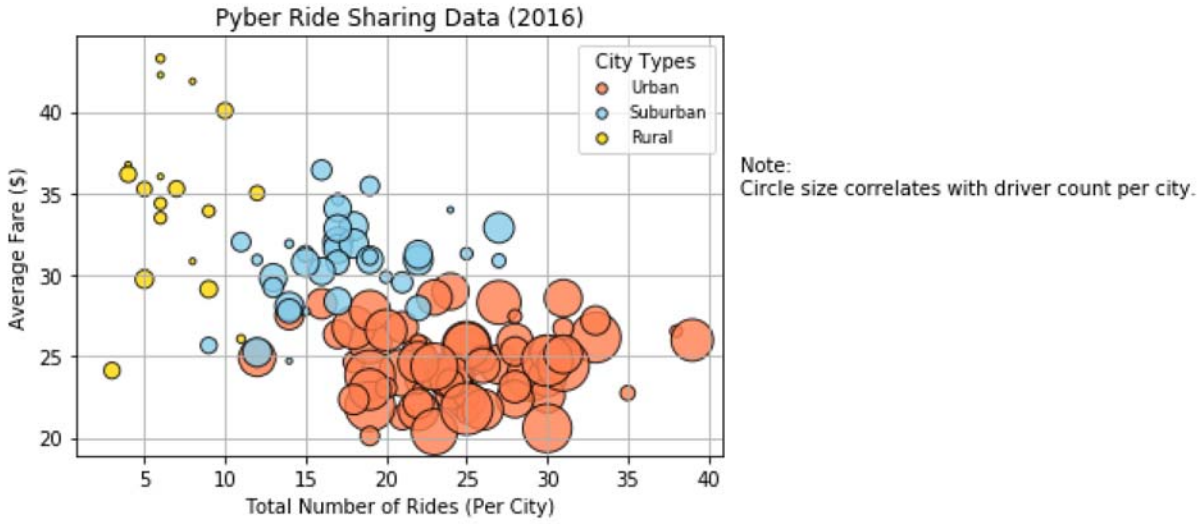
Out[1]:

	city	date	fare	ride_id	driver_count	type
0	Lake Jonathanshire	2018-01-14 10:14:22	13.83	5739410935873	5	Urban
1	South Michelleport	2018-03-04 18:24:09	30.24	2343912425577	72	Urban
2	Port Samanthamouth	2018-02-24 04:29:00	33.44	2005065760003	57	Urban
3	Rodneyfort	2018-02-10 23:22:03	23.44	5149245426178	34	Urban
4	South Jack	2018-03-06 04:28:35	34.58	3908451377344	46	Urban

Bubble Plot of Ride Sharing Data

In [2]:
```
# Obtain the x and y coordinates for each of the three city types

# Build the scatter plots for each city types

# Incorporate the other graph properties

# Create a legend

# Incorporate a text label regarding circle size

# Save Figure
```

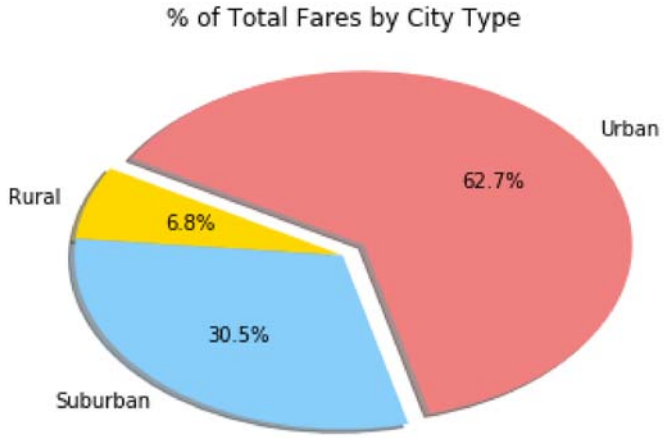
In [3]:
```
# Show plot
plt.show()
```



Total Fares by City Type

In [ ]:
```
# Calculate Type Percents

# Build Pie Chart

# Save Figure
```

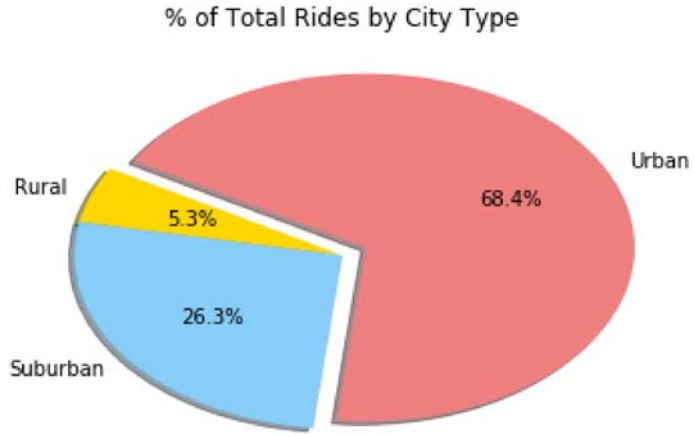
In [4]:
```
# Show Figure
plt.show()
```



Total Rides by City Type

In [ ]:
```
# Calculate Ride Percents

# Build Pie Chart

# Save Figure

```

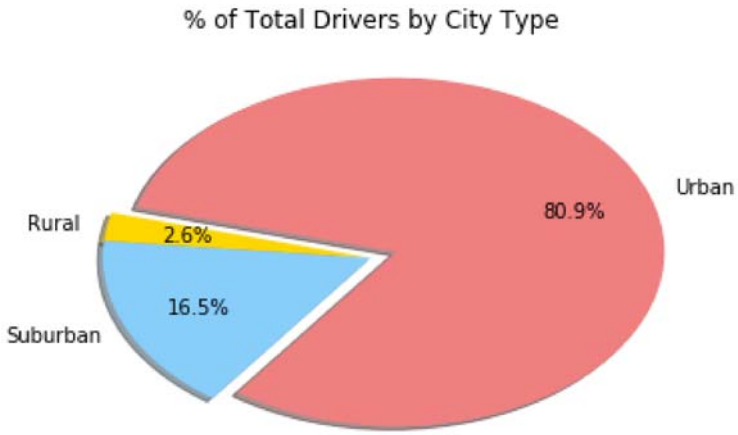
In [5]:
```
# Show Figure
plt.show()
```



Total Drivers by City Type

In [ ]:
```
# Calculate Driver Percents

# Build Pie Charts

# Save Figure
```

In [6]:
```
# Show Figure
plt.show()
```



In [ ]:
```

```