DSC 530 Professor Jim

2.1 Exercise: Preparing for Exploratory Data Analysis

Author: Brian Reppeto

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In [1]:
```
# Print hello world

print("Hello World!  My name is Brian Reppeto")
```

```
Hello World!  My name is Brian Reppeto
```

In [2]:
```
# Add 2 numbers together

x=1
y=2
print (x+y)
```

```
3
```

In [3]:
```
# Subtract 2 numbers

a=10
b=5
print (a-b)
```

```
5
```

In [4]:
```
# Multiply 2 numbers

f=15
g=3
print (f*g)
```

```
45
```

In [5]:
```
# Divide 2 numbers

r=20
d=2
print (r/d)
```

```
10.0
```

In [6]:
```
# Concat two strings

ab ='Merry'
cd =' Christmas'
ef = ab + cd
print (ef)
```

```
Merry Christmas
```

In [7]:
```
# Creating a List of numbers

Lists = [5, 10, 15]

print("List of numbers: ")
print(Lists)
```

```
List of numbers:
[5, 10, 15]
```

In [8]:
```
# Append to List of numbers

Lists.append(14)

print("New list of numbers: ")
print(Lists)
```

```
New list of numbers:
[5, 10, 15, 14]
```

In [9]:
```
# Tuple with 4 items

Tuple1 = ('Dasher','Prancer')
Tuple2 = ('Vixen','Comet')
Tuple3 = ('Cupid','Donner')
Tuple4 = ('Blitzen','Rudolph')

print("\n Santa's Reindeer by rows of two: ")
print(Tuple1)
print(Tuple2)
print(Tuple3)
print(Tuple4)
```

```
 Santa's Reindeer by rows of two:
('Dasher', 'Prancer')
('Vixen', 'Comet')
('Cupid', 'Donner')
('Blitzen', 'Rudolph')
```