In [2]:
```
# week 2
# 2.1 Exercise: Prepairing for Exploratory Data Analysis
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# Date 06/17/23
```

```
Hello World! My name is Madhavi Ghanta
```

In [1]:
```
#Display the text “Hello World! My name is ....”
print("Hello World! My name is Madhavi Ghanta")
```

```
Hello World! My name is Madhavi Ghanta
```

In [2]:
```
#Add two numbers together
print("Sum of 4+6 is ",4+6)
```

```
Sum of 4+6 is  10
```

In [3]:
```
#Subtract a number from another number
print("6-4 is " ,6-4)
```

```
6-4 is  2
```

In [4]:
```
#Multiply two numbers
print("6*4 is" ,6*4)
```

```
6*4 is 24
```

In [5]:
```
# Divide two numbers
print("8/4 is" ,8/4)
```

```
8/4 is 2.0
```

In [9]:
```
#Concatenate  two strings together (any words)
print("Concatenate two strings----" , "Summer term class " + "is DSC 530 - Exploratory
```

```
Concatenate two strings---- Summer term class is DSC 530 - Exploratory Data Analysis
```

In [15]:
```
#Create a list of 4 items (can be strings, numbers, both)
a= [2,4,6,8]
print("List of numbers - ",a)
b= ["Apple", "Pear","Carrot", "Mango"]
print("List of Strings - ", b)
```

```
List of numbers -  [2, 4, 6, 8]
List of Strings -  ['Apple', 'Pear', 'Carrot', 'Mango']
```

In [16]:
```
#Append an item to your list (again, can be a string, number)
a.append(10)
print("List of numbers appended - ",a)
b.append("Cherry")
print("List of Strings appended - ",b)
```

```
List of numbers appended -  [2, 4, 6, 8, 10]
List of Strings appended -  ['Apple', 'Pear', 'Carrot', 'Mango', 'Cherry']
```

In [17]:
```
#Create a tuple with 4 items (can be strings, numbers, both)
t = (10,20,30,40)
print("Printing the tuple - ",t)
```

```
Printing the tuple -  (10, 20, 30, 40)
```

In [ ]: