

Data Visualization – CSE3020
Lab 10 – Integration with python

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Ques. Find the sum of accidents with respect to pedestrians, pedal cycle

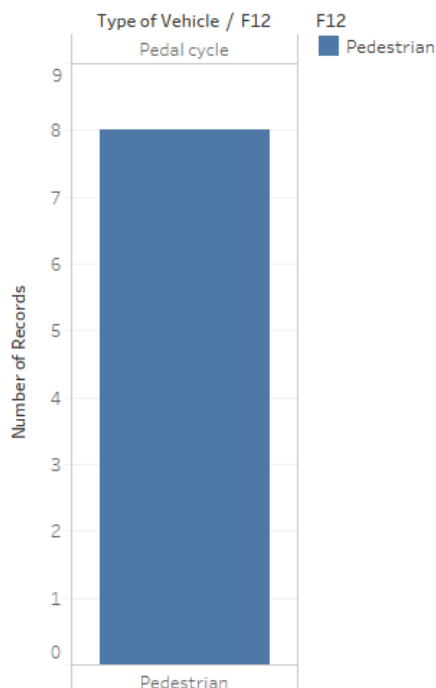
Code:

```
SCRIPT_INT("  
lst= []  
for i in _arg1:  
    if (F12 == 'Pedestrian' and Type of Vehicle == 'Pedal cycle') :  
        lst.append(i++)  
    return lst  
",  
SUM([Number of Records])  
)
```

Answer: 8

Screenshot:

Pedestrian, Pedal
Cycle



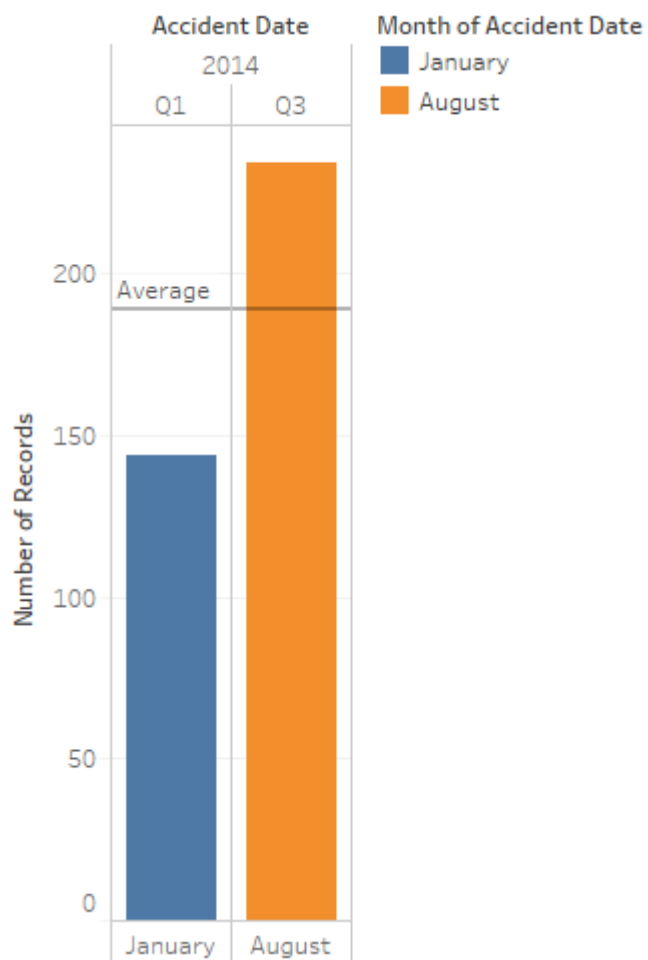
Ques. Find the average number of accidents that occurred in jan and August

Code:

```
SCRIPT_INT("  
lst= []  
for i in _arg1:  
    if (month == 'Jan' or 'Aug') :  
        lst.append(i++)  
    return lst  
",  
AVG([Number of Records])  
)
```

Answer: 144 and 234

Screenshot:



Ques. Find the average accidents that occurred during the Daylight: street lights present

Code:

```
SCRIPT_INT("  
lst= []  
for i in _arg1:  
    if (Lightning Conditions== 'Daylight: street lights present'):  
        lst.append(i++)  
    return lst  
",  
AVG([Number of Records])  
)
```

Answer: 1842

Screenshot:

