

```
In [ ]: ▶ import pandas as pd
import numpy as np
import matplotlib as mtp
%matplotlib inline
crashes=pd.read_csv('Crash_Distracted.csv')
crashes.dtypes
distracted=crashes['Distracted']
distracted.loc
distracted.hist(bins=50)
```

```
In [28]: ▶ import pandas as pd
import numpy as np
import matplotlib as mtp
%matplotlib inline
crashes=pd.read_csv('Crash_Distracted.csv')
crashes.groupby("Crash Year")["Cell Phone"].count()
```

```
Out[28]: Crash Year
2007      6523
2008      6252
2009      6372
2010      7130
2011      7117
2012      7327
2013      6929
2014      6613
2015      7015
2016      7336
2017      6773
Name: Cell Phone, dtype: int64
```

```
In [27]: ▶ import pandas as pd
import numpy as np
import matplotlib as mtp
%matplotlib inline
crashes=pd.read_csv('Crash_Distracted.csv')
crashes.groupby("Crash Year")["Total Injury Count"].sum()
```

```
Out[27]: Crash Year
2007      9156
2008      8718
2009      8898
2010     10012
2011      9804
2012     10233
2013      9589
2014      9228
2015      9681
2016     10259
2017      9259
Name: Total Injury Count, dtype: int64
```

```
In [ ]: ▶
```

```
In [ ]: ▶
```

```
In [ ]: ▶
```