

How to check if same column has different data types

In [1]:

```
import pandas as pd
```

In [10]:

```
df = pd.DataFrame({ 'Customer': ['A','B','C','D'],
                    'Sales': ['3',4,'5',200.15]},
                  index=[0,1,2,3]) # if you don't pass an index, pandas will assign d
default index
df
```

Out[10]:

	Customer	Sales
0	A	3
1	B	4
2	C	5
3	D	200.15

In [6]:

```
df.Sales.apply(type)
```

Out[6]:

```
0    <class 'str'>
1    <class 'int'>
2    <class 'str'>
3    <class 'float'>
Name: Sales, dtype: object
```

In [11]:

```
df.Sales.apply(type).value_counts() # This is important as you cannot keep a check if D
ataFrame is huge
```

Out[11]:

```
<class 'str'>    2
<class 'int'>    1
<class 'float'>  1
Name: Sales, dtype: int64
```