

```
In [1]: import numpy as np
import pandas as pd
import matplotlib
import matplotlib.pyplot as plt
import seaborn as sns
```

```
In [3]: bikes = pd.read_csv('bikes.csv')
bikes.head()
```

Out[3]:

	bike.id;model;category1;category2;frame;price	
1;	Supersix Evo Black Inc.;Road;Elite Road;Carbon;12.790	0.0
2;	Supersix Evo Hi-Mod Team;Road;Elite Road;Carbon;10.660	0.0
3;	Supersix Evo Hi-Mod Dura Ace 1;Road;Elite Road;Carbon;7.990	0.0
4;	Supersix Evo Hi-Mod Dura Ace 2;Road;Elite Road;Carbon;5.330	0.0
5;	Supersix Evo Hi-Mod Utegra;Road;Elite Road;Carbon;4.260	0.0

```
In [4]: bikes.isnull().sum()
```

Out[4]: bike.id;model;category1;category2;frame;price 8
dtype: int64

In []:

In []: