

Tutorial to use numpy in pandas without importing numpy

In [1]:

```
import pandas as pd
```

In [3]:

```
my_list = [1, 'two', 3.0, pd.np.NaN]  
my_list
```

Out[3]:

```
[1, 'two', 3.0, nan]
```

In [4]:

```
my_list2 = [1, 'two', 3.0, pd.np.nan]  
my_list2
```

Out[4]:

```
[1, 'two', 3.0, nan]
```

In [6]:

```
titanic = pd.read_csv('titanic_train.csv')  
# Find the null values in column 'Age'
```

In [9]:

```
# Pandas way  
pd.isnull(titanic['Age']).sum()
```

Out[9]:

```
177
```

In [11]:

```
# Numpy way  
pd.np.isnan(titanic['Age']).sum()
```

Out[11]:

```
177
```