

A 13 KNN [Zoo ].pdf

Open with Google Docs

6/2/22, 8:46 AM

A 13 KNN

In [19]:

```
# KNN Classification
from pandas import read_csv
import numpy as np
from sklearn.model_selection import KFold
from sklearn.model_selection import cross_val_sc
from sklearn.neighbors import KNeighborsClassifi
```

In [23]:

```
zoo = read_csv('C:/Users/Hp/Downloads/Zoo.csv')
```

In [24]:

```
zoo.head(10)
```

Out[24]:

	animal name	hair	feathers	eggs	milk	airborne	aquatic
0	aardvark	1	0	0	1	0	0
1	antelope	1	0	0	1	0	0
2	bass	0	0	1	0	0	1
3	bear	1	0	0	1	0	0
4	boar	1	0	0	1	0	0
5	buffalo	1	0	0	1	0	0
6	calf	1	0	0	1	0	0
7	carp	0	0	1	0	0	1
8	catfish	0	0	1	0	0	1
9	cavy	1	0	0	1	0	0

In [25]:

```
zoo.shape
```

Out[25]:

```
(101, 18)
```