

UNDERSTANDING DATASET

LR in IBM.ipynb ☆

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Files

- sample_data
 - README.md
 - anscombe.json
 - california_housing_test.csv
 - california_housing_train.csv
 - mnist_test.csv
 - mnist_train_small.csv
 - abalone.csv

IBM TEAM ID PNT2022TMID21456

```
#import libraries
import pandas as pd
import numpy as np
import sklearn as sk
```

```
[3] #reading dataset
data = pd.read_csv("/content/abalone.csv")
data.head()
```

	Sex	Length	Diameter	Height	Whole weight	Shucked weight	Viscera weight	Shell weight	Rings
0	M	0.455	0.365	0.095	0.5140	0.2245	0.1010	0.150	15
1	M	0.350	0.265	0.090	0.2255	0.0995	0.0485	0.070	7
2	F	0.530	0.420	0.135	0.6770	0.2565	0.1415	0.210	9
3	M	0.440	0.365	0.125	0.5160	0.2155	0.1140	0.155	10
4	I	0.330	0.255	0.080	0.2050	0.0895	0.0395	0.055	7

```
[5] #rows and columns
data.shape
```

(4177, 9)

```
[6] data.isna().sum()
```

Sex	0
Length	0
Diameter	0
Height	0
Whole weight	0

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