

```
import pandas as pd
```

```
from google.colab import drive
drive.mount('/content/drive')
```

Drive already mounted at /content/drive; to attempt to forcibly remount, call drive.mount("/content/drive", force\_remount=True)

```
file_path = '/content/drive/MyDrive/aimllab/p.csv'
df = pd.read_csv(file_path)
```

```
df.shape
```

```
(801, 41)
```

```
df.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 801 entries, 0 to 800
Data columns (total 41 columns):
 #   Column                Non-Null Count  Dtype
---  -
 0   abilities             801 non-null    object
 1   against_bug           801 non-null    float64
 2   against_dark          801 non-null    float64
 3   against_dragon        801 non-null    float64
 4   against_electric      801 non-null    float64
 5   against_fairy         801 non-null    float64
 6   against_fight         801 non-null    float64
 7   against_fire          801 non-null    float64
 8   against_flying        801 non-null    float64
 9   against_ghost         801 non-null    float64
10  against_grass         801 non-null    float64
11  against_ground        801 non-null    float64
12  against_ice           801 non-null    float64
13  against_normal        801 non-null    float64
14  against_poison        801 non-null    float64
15  against_psychic       801 non-null    float64
16  against_rock          801 non-null    float64
17  against_steel         801 non-null    float64
18  against_water         801 non-null    float64
19  attack               801 non-null    int64
20  base_egg_steps        801 non-null    int64
21  base_happiness        801 non-null    int64
22  base_total            801 non-null    int64
23  capture_rate         801 non-null    object
24  classification        801 non-null    object
25  defense              801 non-null    int64
26  experience_growth     801 non-null    int64
27  height_m             781 non-null    float64
28  hp                   801 non-null    int64
29  japanese_name        801 non-null    object
30  name                 801 non-null    object
31  percentage_male       703 non-null    float64
32  pokedex_number       801 non-null    int64
33  sp_attack            801 non-null    int64
34  sp_defense           801 non-null    int64
35  speed               801 non-null    int64
36  type1               801 non-null    object
37  type2              417 non-null    object
38  weight_kg           781 non-null    float64
39  generation          801 non-null    int64
40  is_legendary         801 non-null    int64
dtypes: float64(21), int64(13), object(7)
memory usage: 256.7+ KB
```

```
df.isnull().sum()
```

	0
abilities	0
against_bug	0
against_dark	0
against_dragon	0
against_electric	0
against_fairy	0
against_fight	0
against_fire	0
against_flying	0
against_ghost	0
against_grass	0
against_ground	0
against_ice	0
against_normal	0
against_poison	0
against_psychic	0
against_rock	0
against_steel	0
against_water	0
attack	0
base_egg_steps	0
base_happiness	0
base_total	0
capture_rate	0
classification	0
defense	0
experience_growth	0
height_m	20
hp	0
japanese_name	0
name	0

```
df = df.dropna(axis = 0)
```

pokedex_number	0
----------------	---

```
df.isnull().sum()
```

sp_defense	0
speed	0
type1	0
type2	384
weight_kg	20
generation	0
is_legendary	0

```
dtype: int64
```

	0
abilities	0
against_bug	0
against_dark	0
against_dragon	0
against_electric	0
against_fairy	0
against_fight	0
against_fire	0
against_flying	0
against_ghost	0
against_grass	0
against_ground	0
against_ice	0
against_normal	0
against_poison	0
against_psychic	0

```
data = df.drop(labels=[1,15,20], axis = 0)
```

against_steel	0
---------------	---

```
data = data.drop(range(40,50),axis = 0, errors='ignore')
```

```
data = df.drop(0)
```

base_happiness	0
base_total	0
capture_rate	0
classification	0