

```
In [1]: #importing required python libraries  
import pandas as pd
```

```
In [2]: #providing source of dataset  
url = "Top-Apps-in-Google-Play.csv"
```

```
In [3]: #loading the dataset into pandas dataframe  
  
df = pd.read_csv(url)
```

```
In [4]: #describe() method for some intial statistics  
  
df.describe()
```

Out[4]:

Unnamed: 0	
count	70.000000
mean	35.500000
std	20.351085
min	1.000000
25%	18.250000
50%	35.500000
75%	52.750000
max	70.000000

```
In [5]: #checking for missing values using isnull()  
  
df.isnull().values.any()
```

Out[5]: False

```
In [6]: #Dimensions of the dataframe  
  
print("Size", df.size)  
print("Tuple Shape", df.shape)  
print("Dimension", df.ndim)
```

Size 700

Tuple Shape (70, 10)

Dimension 2

```
In [7]: #Checking the datatypes of variables  
  
df.dtypes
```

Out[7]:

Unnamed: 0	int64
App Name	object
App Id	object
Category	object
Developer Id	object
Developer Website	object
Developer Email	object
Content Rating	object
Ad Supported	bool
In App Purchases	bool
dtype:	object

```
In [8]: #Providing data descriptions  
df.info()
```

```
<class 'pandas.core.frame.DataFrame'>  
RangeIndex: 70 entries, 0 to 69  
Data columns (total 10 columns):  
#   Column                Non-Null Count  Dtype    
---  -  
0   Unnamed: 0             70 non-null    int64    
1   App Name               70 non-null    object   
2   App Id                 70 non-null    object   
3   Category               70 non-null    object   
4   Developer Id           70 non-null    object   
5   Developer Website      70 non-null    object   
6   Developer Email        70 non-null    object   
7   Content Rating         70 non-null    object   
8   Ad Supported           70 non-null    bool     
9   In App Purchases       70 non-null    bool     
dtypes: bool(2), int64(1), object(7)  
memory usage: 4.6+ KB
```

```
In [ ]:
```