# MOUNT GOOG DRIVE

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

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

## IMPORT REQUIRED PACKAGES

import numpy as no import pandas as pd import matplotlib.pyplot plt Tmatplotlib inline import seaborn as sns import math

### LOAD DATAS

df\*pd.read\_csv(\*/content/drive/MyDrive/Mouse Price India.csv\*)
df.head()

и		number of bedrooms	number of bathrooms	living area		number of floors	waterfront present	number of views
6/6/810145	42491		2.50	3000	9050	2.0		
6762810835			2.50	2920	4000			
6762810998	42491		2.75	291	9480			
6762812605	42491		2.50	331	42998	2.0		
6762812919	42491		2.00	271	4500			

5 rows \* 23 columns

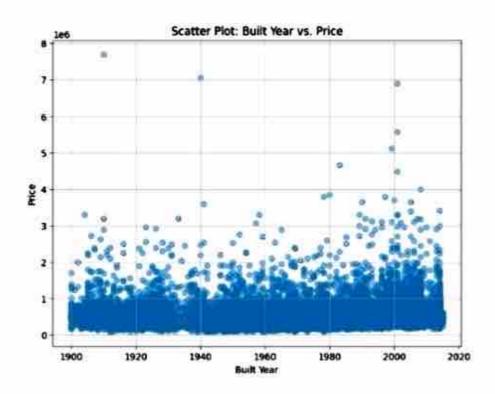
## UN S

plt.figure(figsize=(#, 6) column\_name="id" plt.nist(df[column\_name], birs=20, color="blue alpha=0.7) plt.title("Mistogram of " \* column\_name) plt.xlabel(column\_name) plt.ylabel("frequency") plt.grid("rue) plt.show()

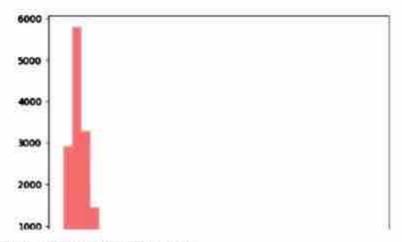
ET

```
# Interpretation of id

| Sample | Samp
```



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# DESC PTIVE STATISTICS

descriptive\_state > df.describe()

# Display the descriptive statistics pris pris

and the second second	the descriptive							
	riptive Statis riptive_state)	(168: )						
THE CORNER	ibiles state)							
Barren	iptive Statisti	441						
page 14.	tid		number of hadron	ms number of bathro				
count	1.462000e+04	14620.000000	14620.000					
pean	6.762821e+09	42604.538646	3,179					
std	6.237575e+03	67.347991	0.918					
win	6.762810e+09	42491.000000	1.0000	1200				
25%	6.762815e+09	42546.000000	3,0000					
50%	6.7628210+09	42600.000000	1,0000					
25%	6.7628360+05	42642,000000	4.0000					
	6.7628320+09	42734.000000	33.000	100 1.000				
	living area	lot area	number of floors	waterfront present				
count	14620.000000	1.452000+04	14620.000000					
mean	2898 262996	1.509328e+04	1.502364					
114	928.275721	1.791962e+04	0.540231					
min	170,000000	5.200000e+62	1.000000					
25X	1440.000000	5.818750e+83	1.000000					
101	1950.000000	7.620000+03	1.100000					
75%	2576,000000	1.000000+04	2.000000					
max	13540.000000	1.074218c-06	3.500000					
	number of vie		of the house	Built Year				
	14620.0000		14620.000000	14620.000000				
****	017011010		3,430506	1978.926482				
std	0.7662		0.664151	29.493625				
min	0.0000		1.000000	1900,000000				
25%	0.0000	7.00	3.000000	1951.000000				
585	0.0000		3.000000	1975 , 000000				
753	0.0000		4.000000	1997,000000				
-	4.0000		5.000000	2015.000000				
	Renovation to	er Postal (	ode Lattitude	Longitude				
	14628.8000			A CONTRACTOR OF THE CONTRACTOR				
mean	98.9240							
124	416.2166							
min	8.0000							
25%	0,0000							
502	4.0000							
75%	0.0000							
	2015.0000	00 122072.00	1000 53.007600	113.505000				
	living area r	enov lot_area	renov Number of	schools nearby				
	14620.00		000000	14520.000000				
mean	1996.78	2.24	160068	2.012244				
std	691.09	2 24 4	414467	0.017284				
wie	460.00	0000 651	000000	1.000000				
25%	1496.00	ALCOHOL STATE OF THE STATE OF T	750000	1.000000				
5401	1850.00		000000	2.000000				
25%	2388.00	ALCOHOL:	000000	1.000000				
-	6118.00	ALC: A COLUMN TO THE PARTY OF T	.000000	3.000002				
	Distance from	the airport	Price					
	2.47	14620.000000	1.462000e+84					
reat		64.950958	5.389322e+85					
std	8.936008 1.675324e+05							
MAR		58.000000	7.8000000+04					
25%		57.000000 1.2000000+85						
50X		65,000000	4.500000c+05					

```
mean_value = df["Price"[.mean()]
print("Hean of "your_colomn";", mean_value)
of "your_colomn"; 538932.2183318558
```

#### Handle the Missing values.

```
# Check for missing values
mixing values - df.inmil(Lunet)
print("Missing Values;")
printininglyaber)
# Option 1: Remove rows with missing values
df_cleaned = df.dropne()
# Option 2: Fill winning values with a specific value (w
                                                          most or median)
F Replace 'your_colom' with the actual coloen nume
mean_value + df['Price'].seam()
deta_filled = df.filles(mar_value)
# Option 3: Forward Fill or backward Fill missing values
Suta_ff131 = df.ff(31() # forward f111 mixxing values
data_Dfill = df.bfill() # Nuckward fill minsing values
W Option A: Interpolate Missing values
mata_interpolated = df.interpolate()
    Missing Values:
    Durch
    number of bedrooms
                                             0
     number of bathrooms.
     living area
     3st area
```

mumber of floors. waterfront present number of views condition of the house grade of the house area of the house(excluding Sasement) Area of the besement Suilt Year Renovation Year Postal Code Lattitude Longitude living area, renov. lut\_area\_renov Number of schools nearby Distance from the airport metem altype: int64