In [6]:
```
import pandas
```

In [1]:
```
import numpy as np
```

In [11]:
```
Raw_Housing_Data = pandas.read_csv("1. Regression - Module - (Housing Prices).csv")
```

In [12]:
```
Raw_Housing_Data
```

Out[12]:

	ID	Date House was Sold	Sale Price	No of Bedrooms	No of Bathrooms	Flat Area (in Sqft)	Lot Area (in Sqft)	No of Floors	Waterfront View	No of Times Visited	...	Overall Grade	Area of the House from Basement (in Sqft)	Basement Area (in Sqft)	Age of House (in Years)	Renovated Year	Zipcode	Latitude	Longitude	Livin Renc (i
0	7129300520	14 October 2017	221900.0	3	1.00	1180.0	5650.0	1.0	No	None	...	7	1180.0	0	63	0	98178.0	47.5112	-122.257	
1	6414100192	14 December 2017	538000.0	3	2.25	2570.0	7242.0	2.0	No	None	...	7	2170.0	400	67	1991	98125.0	47.7210	-122.319	
2	5631500400	15 February 2016	180000.0	2	1.00	770.0	10000.0	1.0	No	None	...	6	770.0	0	85	0	98028.0	47.7379	-122.233	
3	2487200875	14 December 2017	604000.0	4	3.00	1960.0	5000.0	1.0	No	None	...	7	1050.0	910	53	0	98136.0	47.5208	-122.393	
4	1954400510	15 February 2016	510000.0	3	2.00	1680.0	8080.0	1.0	No	None	...	8	1680.0	0	31	0	98074.0	47.6168	-122.045	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
21608	263000018	14 May 2017	360000.0	3	2.50	1530.0	1131.0	3.0	No	None	...	8	1530.0	0	9	0	98103.0	47.6993	-122.346	
21609	6600060120	15 February 2016	400000.0	4	2.50	2310.0	5813.0	2.0	No	None	...	8	2310.0	0	4	0	98146.0	47.5107	-122.362	
21610	1523300141	14 June 2017	402101.0	2	0.75	1020.0	1350.0	2.0	No	None	...	7	1020.0	0	9	0	98144.0	47.5944	-122.299	
21611	291310100	15 January 2016	400000.0	3	2.50	1600.0	2388.0	2.0	No	None	...	8	1600.0	0	14	0	98027.0	47.5345	-122.069	
21612	1523300157	14 October 2017	325000.0	2	0.75	1020.0	1076.0	2.0	No	None	...	7	1020.0	0	10	0	98144.0	47.5941	-122.299	

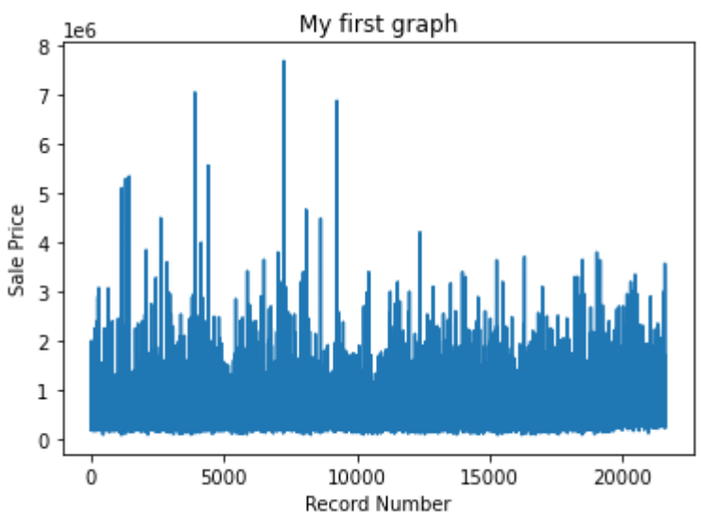
21613 rows × 21 columns

In [15]:
```
Raw_Housing_Data['Condition of the House'].unique()
```

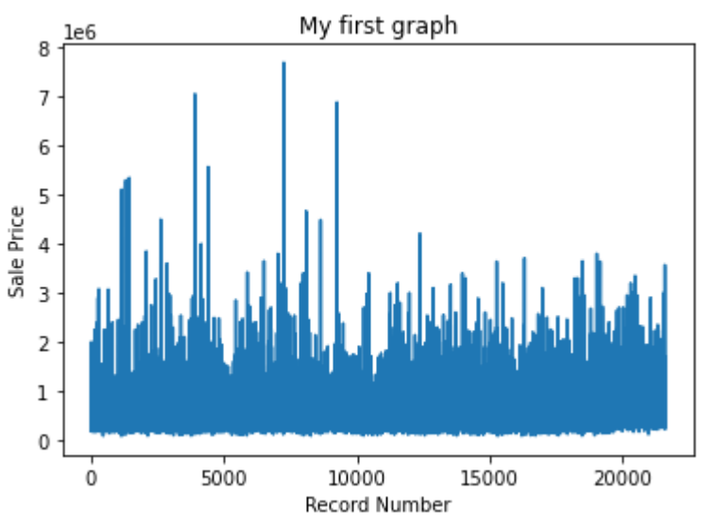
Out[15]:
```
array(['Fair', 'Excellent', 'Good', 'Bad', 'Okay'], dtype=object)
```

In [18]:
```
import matplotlib.pyplot as plt
```

In [21]:
```
plt.plot(Raw_Housing_Data['Sale Price'])
plt.xlabel("Record Number")
plt.ylabel("Sale Price")
plt.title("My first graph")
plt.show()
```



In [25]:
```
plt.plot(Raw_Housing_Data['Sale Price'])
plt.xlabel("Record Number")
plt.ylabel("Sale Price")
plt.title("My first graph")
plt.show()
```



In [ ]:

In [ ]: