In [1]:
```
#importing matplot and seborn for plot
import matplotlib.pyplot as plt
import seaborn as sns
import pandas as pd
```

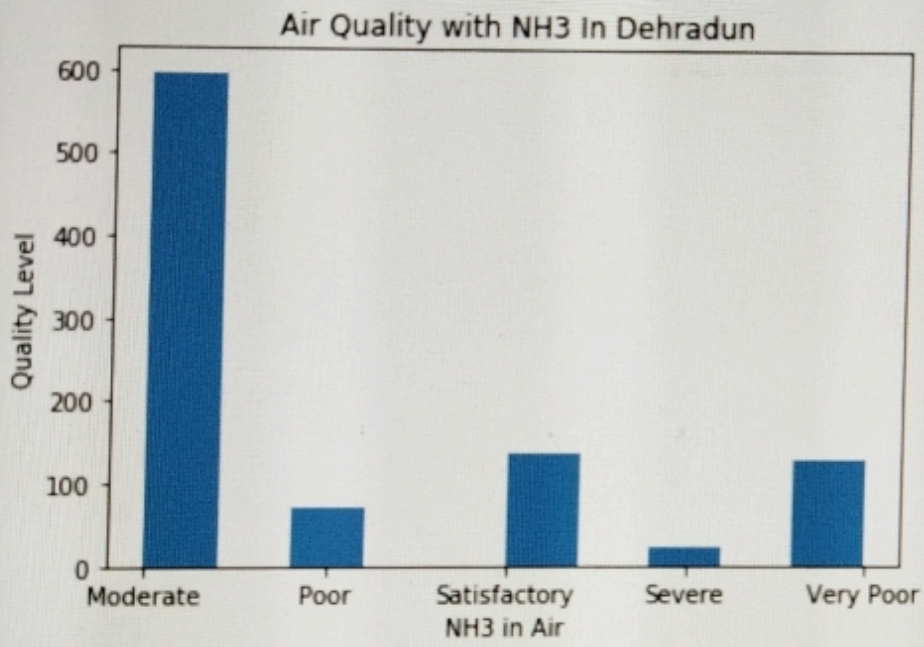
In [2]:
```
#reading pollution data
data = pd.read_csv("pollution.csv")
data.head(10)
```

Out[2]:

	location	month	year	SO2 µg/l	NO2µg/l	PM10 µg/l	PM2.5 µ g/l	CO µg/l	O3 µ g/l 8 HR	NH3 µ g/l	AQI	Air Quality
0	CLOCK TOWER-DEHRADUN	1	2012	27.33	30.33	193.28	60.0	2	100	400	162.19	Moderate
1	CLOCK TOWER-DEHRADUN	2	2012	25.68	25.80	173.77	60.0	2	100	400	149.18	Moderate
2	CLOCK TOWER-DEHRADUN	3	2012	29.64	27.50	211.35	60.0	2	100	400	174.23	Moderate
3	CLOCK TOWER-DEHRADUN	4	2012	28.64	26.81	230.76	60.0	2	100	400	187.17	Moderate
4	CLOCK TOWER-DEHRADUN	5	2012	31.09	29.30	310.73	60.0	2	100	400	260.73	Poor
5	CLOCK TOWER-DEHRADUN	6	2012	28.73	30.62	200.61	60.0	2	100	400	167.07	Moderate
6	CLOCK TOWER-DEHRADUN	7	2012	27.55	30.06	129.22	60.0	2	100	400	119.48	Moderate
7	CLOCK TOWER-DEHRADUN	8	2012	23.04	26.00	78.19	60.0	2	100	400	100.00	Satisfactory
8	CLOCK TOWER-DEHRADUN	9	2012	22.22	25.40	108.37	60.0	2	100	400	105.58	Moderate
9	CLOCK TOWER-DEHRADUN	10	2012	24.40	28.79	21.83	60.0	2	100	400	100.00	Satisfactory

In [3]:

```
#plotting Histogram
plt.hist(data['Air Quality'])
plt.xlabel('NH3 in Air')
plt.ylabel('Quality Level')
plt.title("Air Quality with NH3 In Dehradun")
plt.show()
```

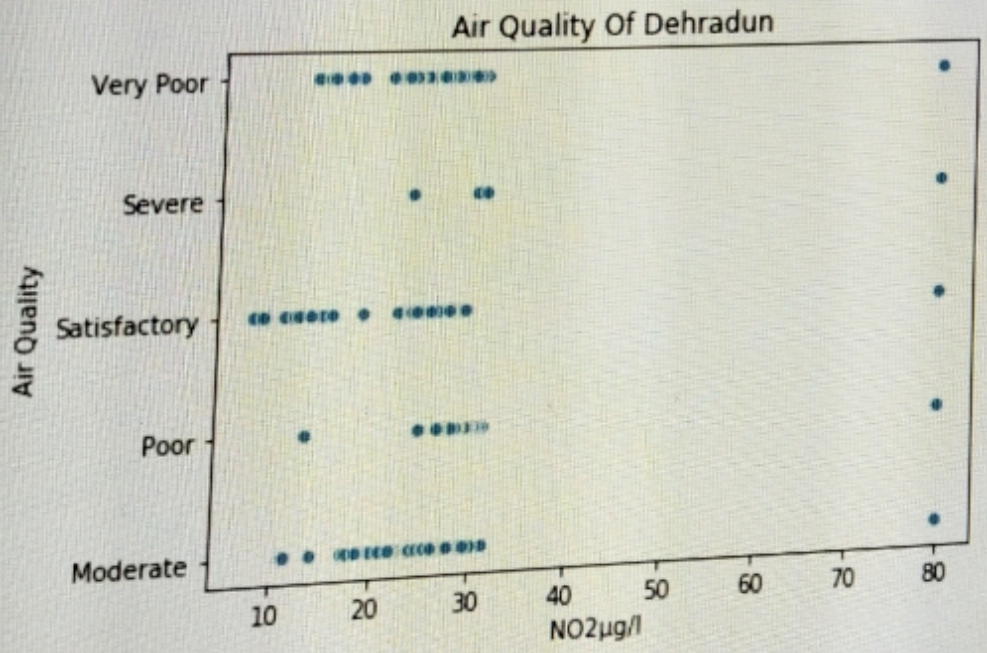


In [5]:

```
#plotting Seaborn
sns.scatterplot(x="NO2µg/l", y="Air Quality", data=data)
plt.title('Air Quality Of Dehradun')
plt.show()
```

In [5]:

```
#plotting Seaborn
sns.scatterplot(x="NO2µg/l", y="Air Quality", data=data)
plt.title('Air Quality Of Dehradun')
plt.show()
```



In [ ]: