**Analyze New York city fire department Dataset**

**What to:**

A dataset in CSV format is given for the Fire Department of New York City. Analyze the dataset to determine:

1. The total number of fire department facilities in New York city
2. The number of fire department facilities in each borough
3. The facility names in Manhattan

**Result/ Conclusions:**

The dataset has been analyzed using pandas and the conclusions are as below:

1. There are 218 fire department facilities in New York city
2. The number of fire department facilities in each borough are as follows:

* Bronx 34
* Brooklyn 66
* Manhattan 48
* Queens 50
* Staten Island 20

1. The facility names in Manhattan

|  | **FacilityName** | **FacilityAddress** | **Borough** |
| --- | --- | --- | --- |
| **1** | Engine 4/Ladder 15 | 42 South Street | Manhattan |
| **2** | Engine 10/Ladder 10 | 124 Liberty Street | Manhattan |
| **3** | Engine 6 | 49 Beekman Street | Manhattan |
| **4** | Engine 7/Ladder 1/Battalion 1/Manhattan Borough... | 100-104 Duane Street | Manhattan |
| **5** | Ladder 8 | 14 North Moore Street | Manhattan |
| **6** | Engine 9/Ladder 6 | 75 Canal Street | Manhattan |
| **7** | Engine 15/Ladder 18/Battalion 4 | 25 Pitt Street | Manhattan |
| **8** | Engine 28/Ladder 11 | 222 East 2nd Street | Manhattan |
| **9** | Engine 5 | 340 East 14th Street | Manhattan |
| **10** | Engine 55 | 363 Broome Street | Manhattan |
| **11** | Ladder 20/Division 1 | 253 Lafayette Street | Manhattan |
| **12** | Engine 24/Ladder 5/Battalion 2 | 227-29 6th Avenue | Manhattan |
| **13** | Engine 33/Ladder 9 | 42 Great Jones Street | Manhattan |
| **14** | Ladder 3/Battalion 6 | 108 East 13th Street | Manhattan |
| **15** | Squad 18 | 132 West 10th Street | Manhattan |
| **16** | Engine 34/Ladder 21 | 440 West 38th Street | Manhattan |
| **17** | Engine 26 | 220 West 37th Street | Manhattan |
| **18** | Engine 3/Ladder 12/Battalion 7 | 150 West 19th Street | Manhattan |
| **19** | Engine 1/Ladder 24 | 142-46 West 31st Street | Manhattan |
| **20** | Engine 14 | 14 East 18th Street | Manhattan |
| **21** | Engine 16 / Ladder 7 | 234 East 29th Street | Manhattan |
| **22** | Engine 21 | 238 East 40th Street | Manhattan |
| **23** | Engine 54/Ladder 4/Battalion 9 | 782 8th Avenue | Manhattan |
| **24** | Engine 23 | 215 West 58th Street | Manhattan |
| **25** | Rescue 1 | 530 West 43rd Street | Manhattan |
| **26** | Engine 40/Ladder 35 | 131 Amsterdam Avenue | Manhattan |
| **27** | Ladder 25/District Office 4/Division 3 | 205-207 West 77th Street | Manhattan |
| **28** | Engine 74 | 120 West 83rd Street | Manhattan |
| **29** | Engine 65 | 33 West 43rd Street | Manhattan |
| **30** | Engine 8 / Ladder 2 / Battalion 8 | 167 East 51st Street | Manhattan |
| **31** | Engine 39/Ladder 16 | 157-59 East 67th Street | Manhattan |
| **32** | Engine 44 | 221 East 75th Street | Manhattan |
| **33** | Engine 22/Ladder 13/Battalion 10 | 159 East 85th Street | Manhattan |
| **34** | Engine 58/Ladder 26 | 1367 5th Avenue | Manhattan |
| **35** | Engine 53/Ladder 43 | 1836-46 3rd Avenue | Manhattan |
| **36** | Engine 91 | 242 East 111th Street | Manhattan |
| **37** | Engine 35/Ladder 14 | 2282 3rd Avenue | Manhattan |
| **38** | Engine 76/Ladder 22/Battalion 11 | 145-51 West 100th Street | Manhattan |
| **39** | Engine 47 | 502 West 113th Street | Manhattan |
| **40** | Engine 59/Ladder 30 | 111 West 133rd Street | Manhattan |
| **41** | Engine 37/Ladder 40 | 415 West 125th Street | Manhattan |
| **42** | Engine 69/Ladder 28/Battalion 16 | 248 West 143rd Street | Manhattan |
| **43** | Engine 80/Ladder 23 | 503 West 139th Street | Manhattan |
| **44** | Engine 84/Ladder 34 | 513 West 161st Street | Manhattan |
| **45** | Engine 67 | 518 West 170th Street | Manhattan |
| **46** | Engine 93/Ladder 45/Battalion 13 | 515 West 181st Street | Manhattan |
| **47** | Engine 95/Ladder 36 | 29 Vermilyea Avenue | Manhattan |
| **48** | Marine 1 | Little West 12th Street/Hudson River | Manhattan |