While it is a nucience to have a few missing values in the Host_Name and Name column, its not the end of the world that their missing. If we are looking big picture out of almost 49,000 observations they are tiny amounts of missing values. It would be more important if they were missing other variables, but by having where it is located, the ID, and the Host_ID its not to big of a deal.

```
[14]: data.head()
```

```
[14]:      ID                                         Name  Host_ID  \
      0  2539                Clean & quiet apt home by the park     2787
      1  2595                             Skylit Midtown Castle     2845
      2  3647                THE VILLAGE OF HARLEM…NEW YORK !     4632
      3  3831                 Cozy Entire Floor of Brownstone     4869
      4  5022  Entire Apt: Spacious Studio/Loft by central park     7192

           Host_Name     Borough Neighbourhood  Latitude  Longitude      Room_Type  \
      0          John    Brooklyn    Kensington  40.64749  -73.97237    Private room
      1      Jennifer   Manhattan       Midtown  40.75362  -73.98377  Entire home/apt
      2     Elisabeth   Manhattan        Harlem  40.80902  -73.94190    Private room
      3  LisaRoxanne    Brooklyn  Clinton Hill  40.68514  -73.95976  Entire home/apt
      4         Laura   Manhattan   East Harlem  40.79851  -73.94399  Entire home/apt

         Price  Minimum_Nights  Host_Listing_Counts  Days_Available_365
      0    149               1                    6                 365
      1    225               1                    2                 355
      2    150               3                    1                 365
      3     89               1                    1                 194
      4     80              10                    1                   0
```

3 Let's find the different statistical values (mean, median,...) by borough.

Just to check we are missing no values we should do a check to make sure our sum of our new variables equal our row shape

```
[15]: data.shape
```

```
[15]: (48895, 13)
```

```
[16]: Manhattan = data.loc[data['Borough'] == 'Manhattan']
      Brooklyn = data.loc[data['Borough'] == 'Brooklyn']
      Queens = data.loc[data['Borough'] == 'Queens']
      Staten_Island = data.loc[data['Borough'] == 'Staten Island']
      Bronx = data.loc[data['Borough'] == 'Bronx']
```