Assignment_09: Housing Price Analysis

In [9]: ► df.head()

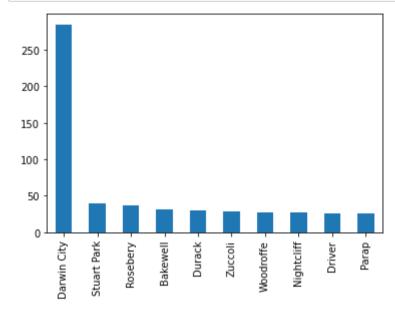
Out[9]:

_	inde	X	TID	breadcrumb	category_name	property_type	building_size	land_size	preferred_size	open_date	listing_agency	 sta
_	0	0	1350988	Buy>NT>DARWIN CITY	Real Estate & Property for sale in DARWIN CITY	House	NaN	NaN	NaN	Added 2 hours ago	Professionals - DARWIN CITY	 N
	1	1	1350989	Buy>NT>DARWIN CITY	Real Estate & Property for sale in DARWIN CITY	Apartment	171m²	NaN	171m²	Added 7 hours ago	Nick Mousellis Real Estate - Eview Group Member	 N
	2	2	1350990	Buy>NT>DARWIN CITY	Real Estate & Property for sale in DARWIN CITY	Unit	NaN	NaN	NaN	Added 22 hours ago	Habitat Real Estate - THE GARDENS	 N
	3	3	1350991	Buy>NT>DARWIN CITY	Real Estate & Property for sale in DARWIN CITY	House	NaN	NaN	NaN	Added yesterday	Ray White - NIGHTCLIFF	 N
	4	4	1350992	Buy>NT>DARWIN CITY	Real Estate & Property for sale in DARWIN CITY	Unit	201m²	NaN	201m²	Added yesterday	Carol Need Real Estate - Fannie Bay	 N

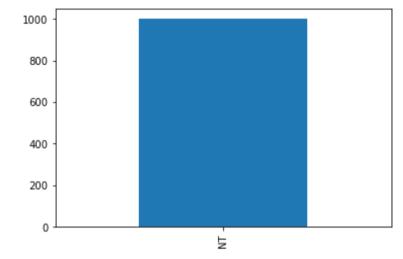
5 rows × 27 columns

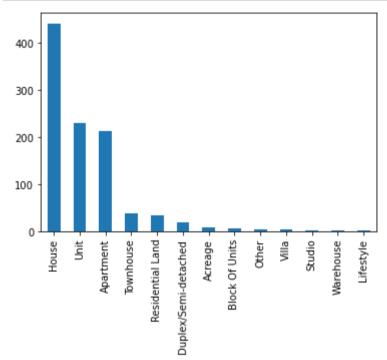
Q1: To find Relationships Between Housing prices and Location.

```
In [10]: N city = df['city'].value_counts()
city.head(10).plot.bar()
plt.show()
```



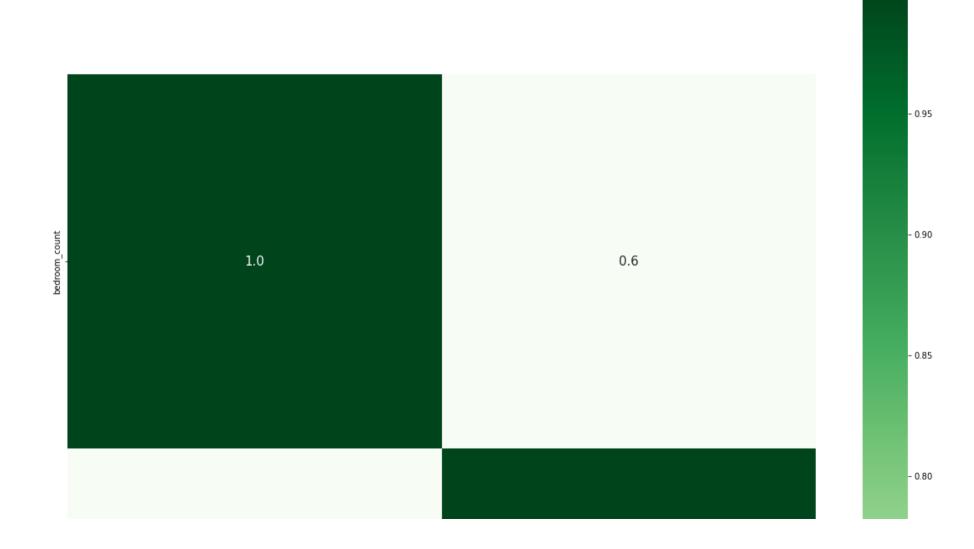
Observation: In terms of City Darwin City has More Demand

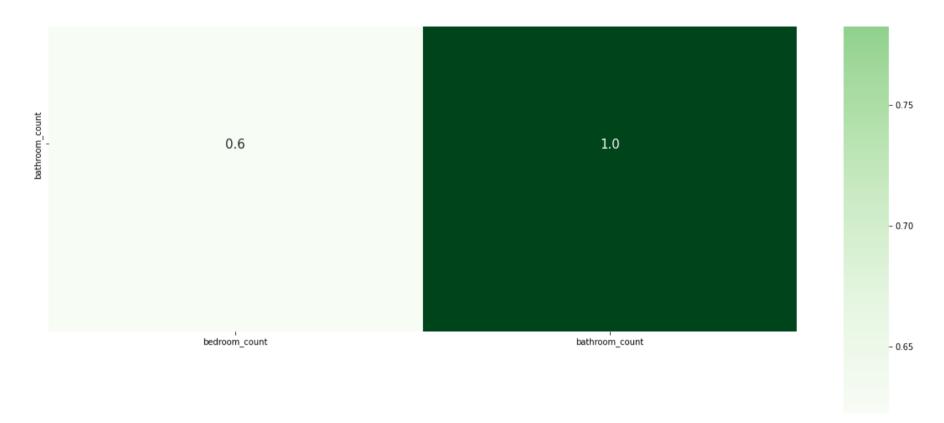




Q2: To find relationships between housing prices and features such as size, number of bedrooms, and number of bathrooms

Out[15]: <AxesSubplot:>





In [18]: boxplot = df.boxplot(column=['building_size'])

