**DATASET DESCRIPTION**

**Dataset Name** : kc\_house\_data - (King Country)

**Website :** Imported from Kaggle.com

**Size :** 21614 rows(observations) \* 21 columns (attributes)

**Total Column Names:** id, date, bedrooms, bathrooms, sqft\_living, sqft\_lot, floors, waterfront, view, condition, grade, sqft\_above, sqft\_basement, yr\_built, yr\_renovated, zipcode, lat, long, sqft\_living15, sqft\_lot15, price.

**Used Columns :**bedrooms, bathrooms, sqft\_living, floors, waterfront, view, lat, long, price.

**Class Label :** price.



 **Description For the Used Columns**

1. **S/N** **:** It indicates the serial number of the house data.

1. **Bedrooms :** Itindicatesthe number of bedrooms.
2. **Bathrooms :** Itindicatesthe number of bathrooms.
3. **Sqft\_living :** It indicates the sqft of the house.
4. **Floors :** It indicates the number of floors in house.
5. **Waterfront :** It indicates the water source in front of the house.
6. **View :** It indicates the house rating.
7. **Lat :** It indicates the house latitude.
8. **Long :** It indicates the house longitude.
9. **Price :** It indicates the price of a house.

**What does 2.5 bathrooms mean?**

**Bathrooms =** 1, 1.25, 1.5, 1.75.

* In the US it means there are two “full” bathrooms and one “half” bathroom.
* A full bathroom has a sink, toilet, and either a tub/shower combo or separate tub and shower.
* A three-quarters bath has sink, toilet, and either a tub OR a shower, but not both.
* A half-bath has a sink and a toilet - no tub or shower. These are often called “powder rooms” since a lady would often say “I need to powder my nose” instead of “I need to pee”.
* A quarter-bath has only a toilet. These are uncommon now, but usually found in garages or workshops so Dad didn’t have to come back into the house all dirty/greasy just to use the bathroom.

**What does 1, 1.5 Floors ?**

* One and a half story home plans place all main living areas and usually also the master suite on the first floor. Additional rooms and/or loft space for children, visitors, and flex use are placed upstairs to help provide more square footage without expanding the size of the home's footprint.