



# Overview

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- Overview
- Alerts
- Reproduction
- Dataset statistics

Number of variables	9
Number of observations	20640
Missing cells	0
Missing cells (%)	0.0%
Duplicate rows	0
Duplicate rows (%)	0.0%
Total size in memory	1.4 MiB
Average record size in memory	72.0 B

Variable types

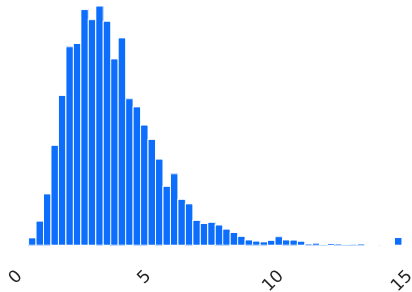
Numeric	9
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# Variables

Select Columns

[MedInc](#)  
Real number ( $\mathbb{R}$ )

Distinct	12928
Distinct (%)	62.6%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	3.870671
Minimum	0.4999
Maximum	15.0001
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	161.4 KiB

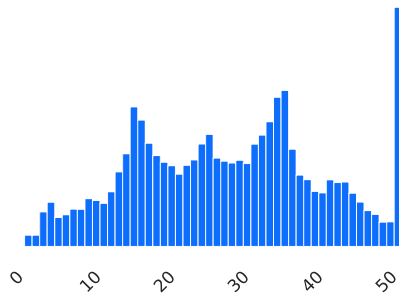


More details

HouseAge  
Real number ( $\mathbb{R}$ )

Distinct	52
Distinct (%)	0.3%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	28.639486

Minimum	1
Maximum	52
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	161.4 KiB



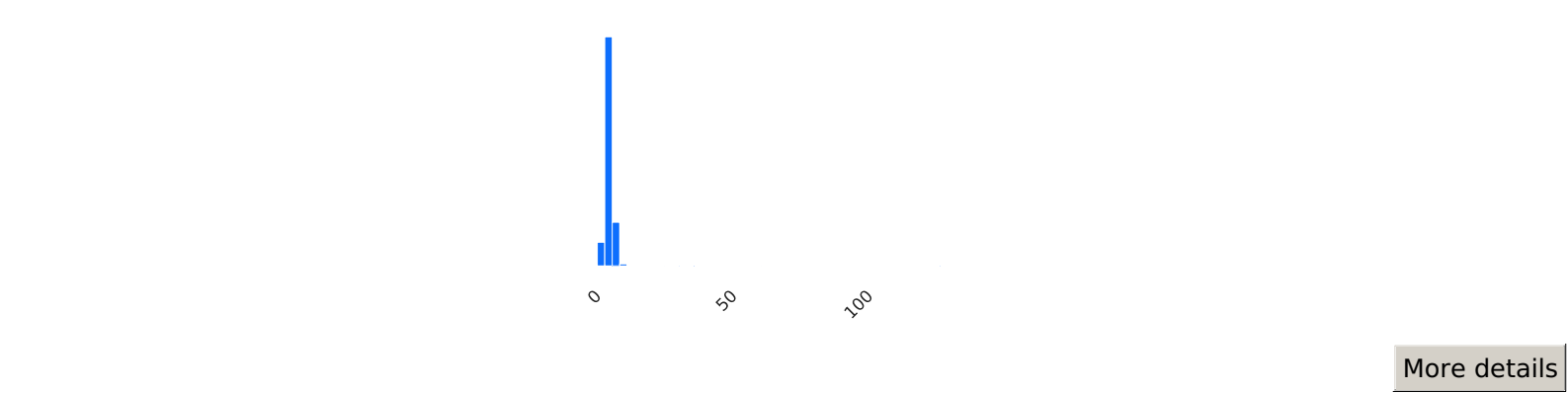
More details

AveRooms  
Real number ( $\mathbb{R}$ )

Skewed

<b>Distinct</b>	19392
<b>Distinct (%)</b>	94.0%
<b>Missing</b>	0
<b>Missing (%)</b>	0.0%
<b>Infinite</b>	0
<b>Infinite (%)</b>	0.0%
<b>Mean</b>	5.4289997

<b>Minimum</b>	0.84615385
<b>Maximum</b>	141.90909
<b>Zeros</b>	0
<b>Zeros (%)</b>	0.0%
<b>Negative</b>	0
<b>Negative (%)</b>	0.0%
<b>Memory size</b>	161.4 KiB

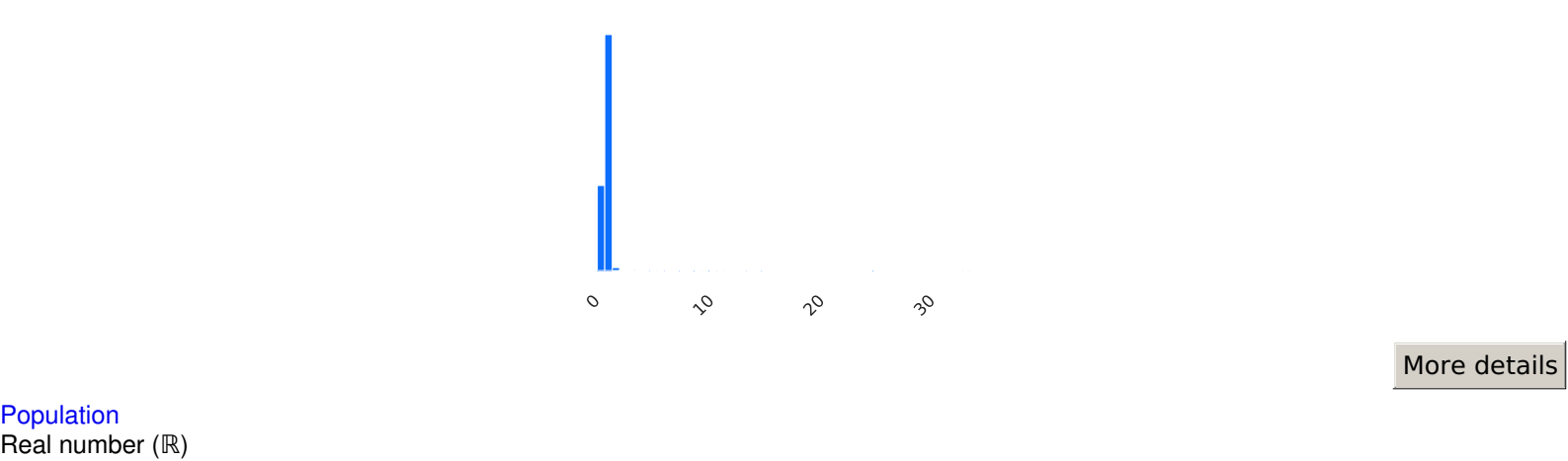


More details

AveBedrms  
Real number ( $\mathbb{R}$ )  
Skewed

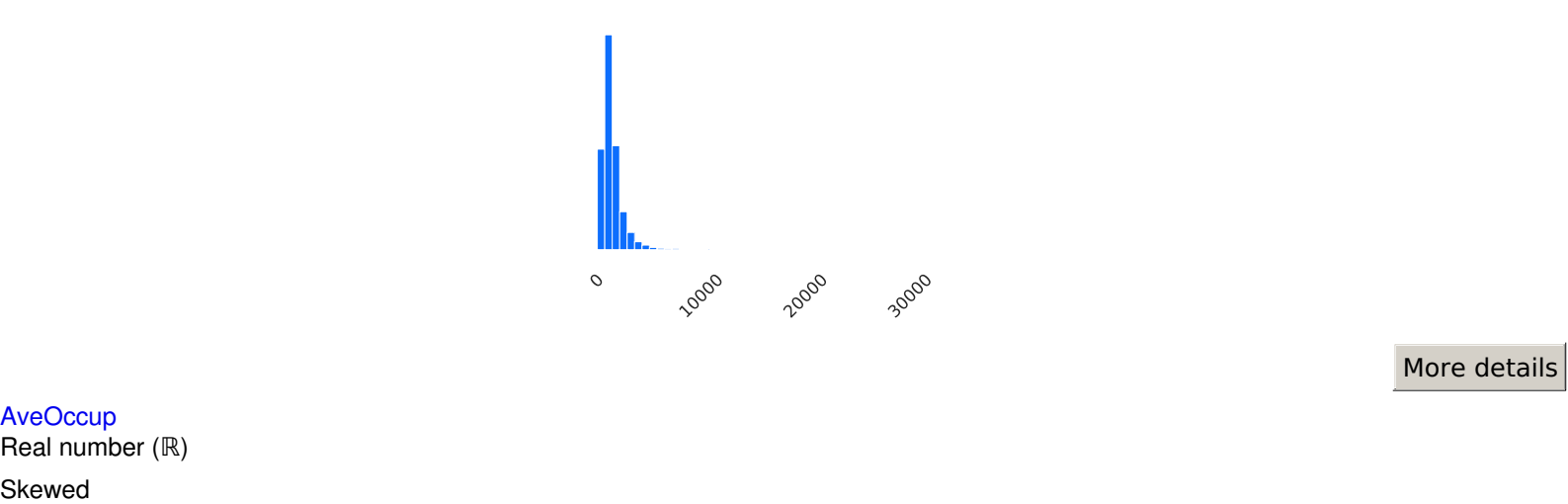
<b>Distinct</b>	14233
<b>Distinct (%)</b>	69.0%
<b>Missing</b>	0
<b>Missing (%)</b>	0.0%
<b>Infinite</b>	0
<b>Infinite (%)</b>	0.0%
<b>Mean</b>	1.0966751

<b>Minimum</b>	0.33333333
<b>Maximum</b>	34.066667
<b>Zeros</b>	0
<b>Zeros (%)</b>	0.0%
<b>Negative</b>	0
<b>Negative (%)</b>	0.0%
<b>Memory size</b>	161.4 KiB



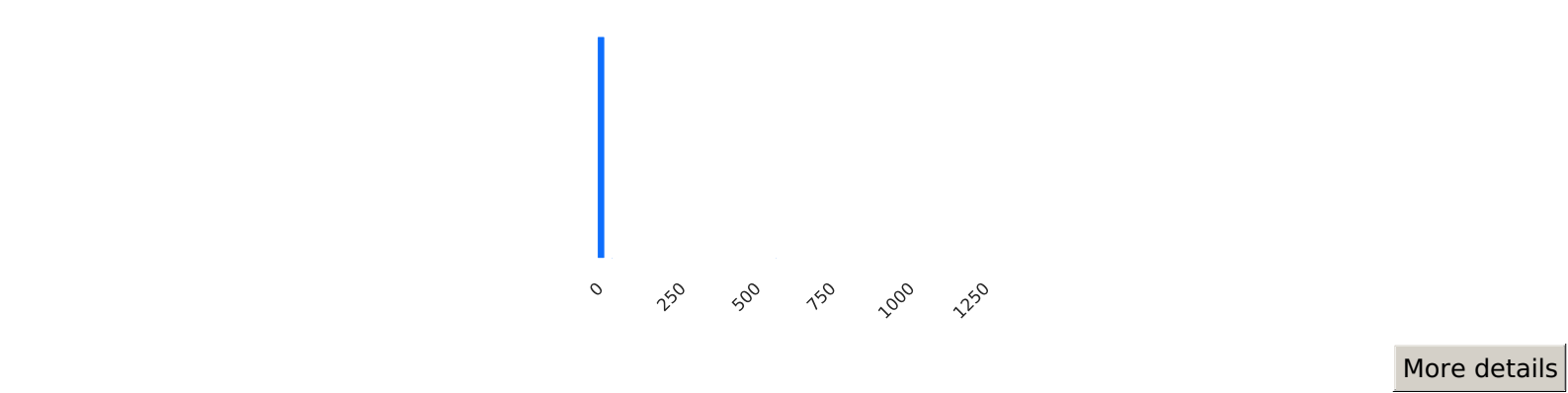
Distinct	3888
Distinct (%)	18.8%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	1425.4767

Minimum	3
Maximum	35682
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	161.4 KiB



<b>Distinct</b>	18841
<b>Distinct (%)</b>	91.3%
<b>Missing</b>	0
<b>Missing (%)</b>	0.0%
<b>Infinite</b>	0
<b>Infinite (%)</b>	0.0%
<b>Mean</b>	3.0706552

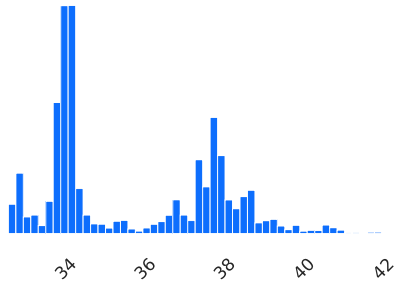
<b>Minimum</b>	0.69230769
<b>Maximum</b>	1243.3333
<b>Zeros</b>	0
<b>Zeros (%)</b>	0.0%
<b>Negative</b>	0
<b>Negative (%)</b>	0.0%
<b>Memory size</b>	161.4 KiB



Latitude  
Real number ( $\mathbb{R}$ )

<b>Distinct</b>	862
<b>Distinct (%)</b>	4.2%
<b>Missing</b>	0
<b>Missing (%)</b>	0.0%
<b>Infinite</b>	0
<b>Infinite (%)</b>	0.0%
<b>Mean</b>	35.631861

<b>Minimum</b>	32.54
<b>Maximum</b>	41.95
<b>Zeros</b>	0
<b>Zeros (%)</b>	0.0%
<b>Negative</b>	0
<b>Negative (%)</b>	0.0%
<b>Memory size</b>	161.4 KiB

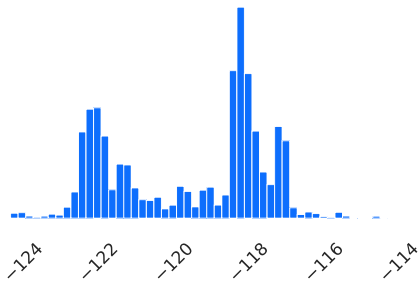


More details

Longitude  
Real number ( $\mathbb{R}$ )

Distinct	844
Distinct (%)	4.1%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	-119.5697

Minimum	-124.35
Maximum	-114.31
Zeros	0
Zeros (%)	0.0%
Negative	20640
Negative (%)	100.0%
Memory size	161.4 KiB

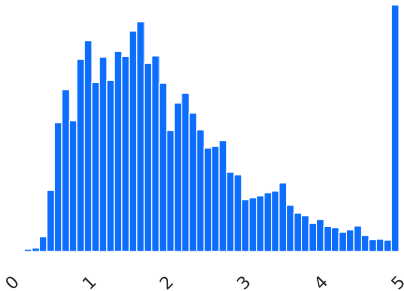


More details

MedHouseVal  
Real number ( $\mathbb{R}$ )

Distinct	3842
Distinct (%)	18.6%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	2.0685582

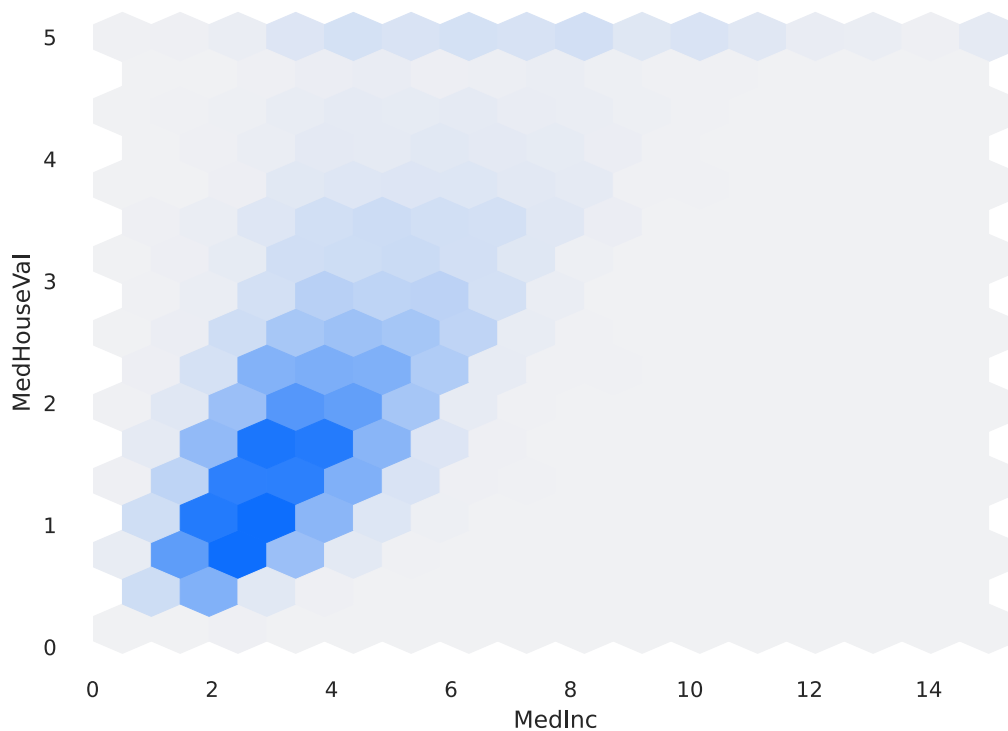
Minimum	0.14999
Maximum	5.00001
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	161.4 KiB



More details

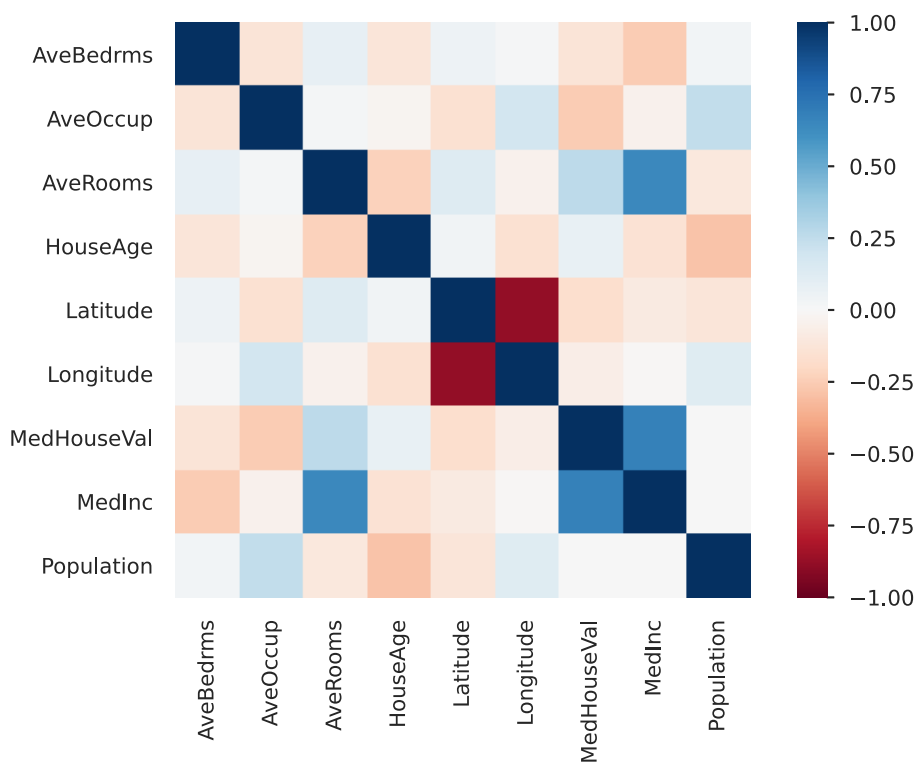
# Interactions

- MedInc
- HouseAge
- AveRooms
- AveBedrms
- Population
- AveOccup
- Latitude
- Longitude
- MedHouseVal
- MedHouseVal
- MedInc
- HouseAge
- AveRooms
- AveBedrms
- Population
- AveOccup
- Latitude
- Longitude



## Correlations

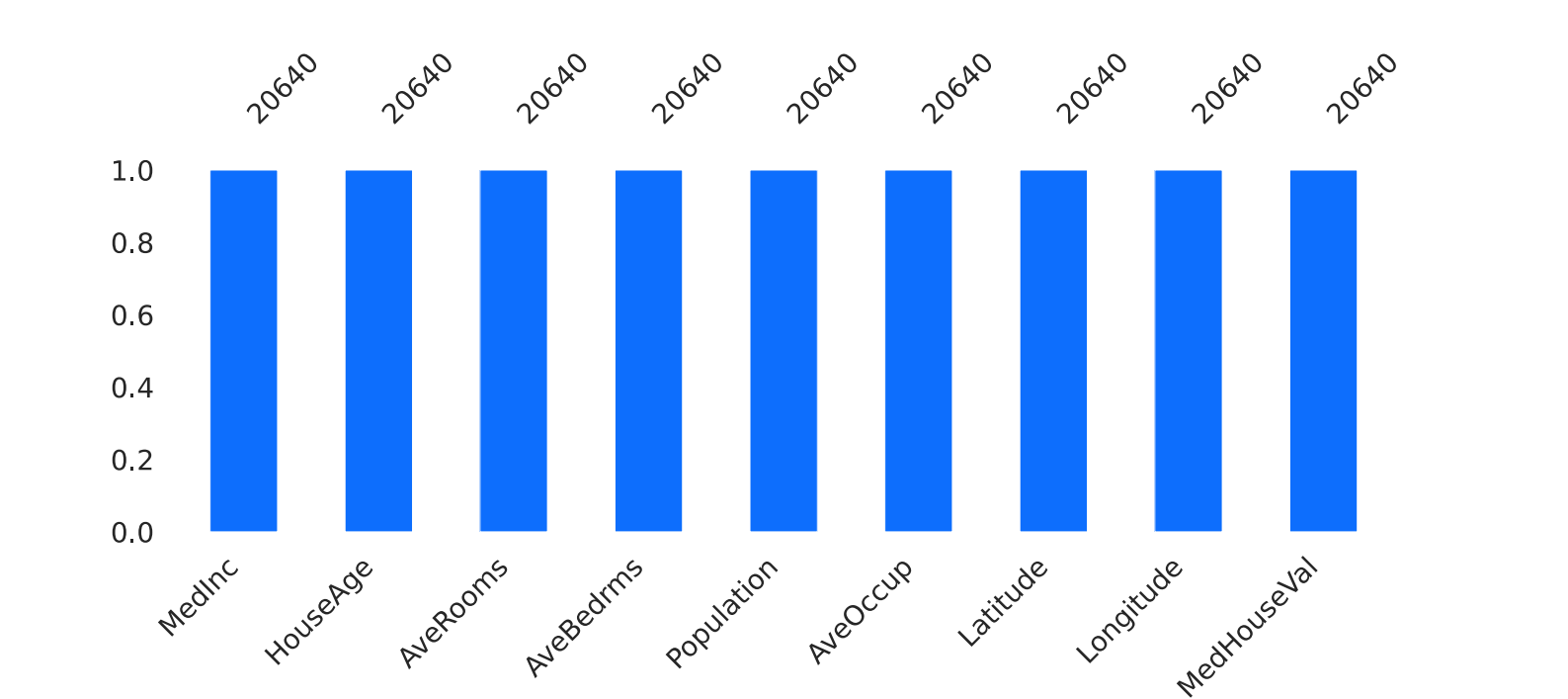
Auto  
Heatmap  
Table



## Missing values

Count  
Matrix





A simple visualization of nullity by column.

# Sample

First rows									
Last rows									
	MedInc	HouseAge	AveRooms	AveBedrms	Population	AveOccup	Latitude	Longitude	MedHouseVal
0	8.3252	41.0	6.984127	1.023810	322.0	2.555556	37.88	-122.23	4.526
1	8.3014	21.0	6.238137	0.971880	2401.0	2.109842	37.86	-122.22	3.585
2	7.2574	52.0	8.288136	1.073446	496.0	2.802260	37.85	-122.24	3.521
3	5.6431	52.0	5.817352	1.073059	558.0	2.547945	37.85	-122.25	3.413
4	3.8462	52.0	6.281853	1.081081	565.0	2.181467	37.85	-122.25	3.422
5	4.0368	52.0	4.761658	1.103627	413.0	2.139896	37.85	-122.25	2.697
6	3.6591	52.0	4.931907	0.951362	1094.0	2.128405	37.84	-122.25	2.992
7	3.1200	52.0	4.797527	1.061824	1157.0	1.788253	37.84	-122.25	2.414
8	2.0804	42.0	4.294118	1.117647	1206.0	2.026891	37.84	-122.26	2.267
9	3.6912	52.0	4.970588	0.990196	1551.0	2.172269	37.84	-122.25	2.611