

# Analyse du marché immobilier en Californie

## Aperçu du jeu de données

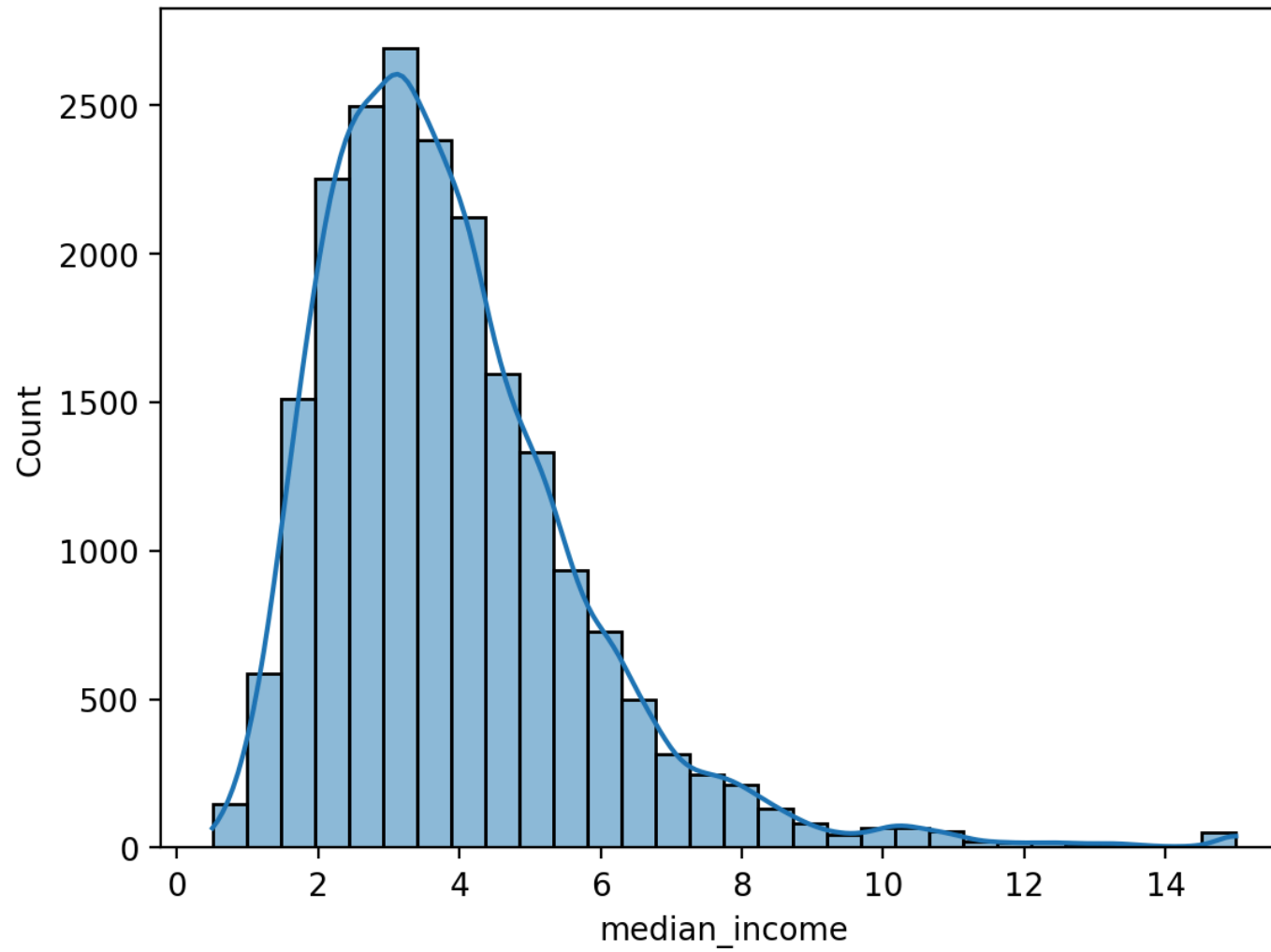
	longitude	latitude	housing_median_age	total_rooms	total_bedrooms	population	households
0	-122.23	37.88	41	880	129	322	126
1	-122.22	37.86	21	7099	1106	2401	1138
2	-122.24	37.85	52	1467	190	496	177
3	-122.25	37.85	52	1274	235	558	219
4	-122.25	37.85	52	1627	280	565	259

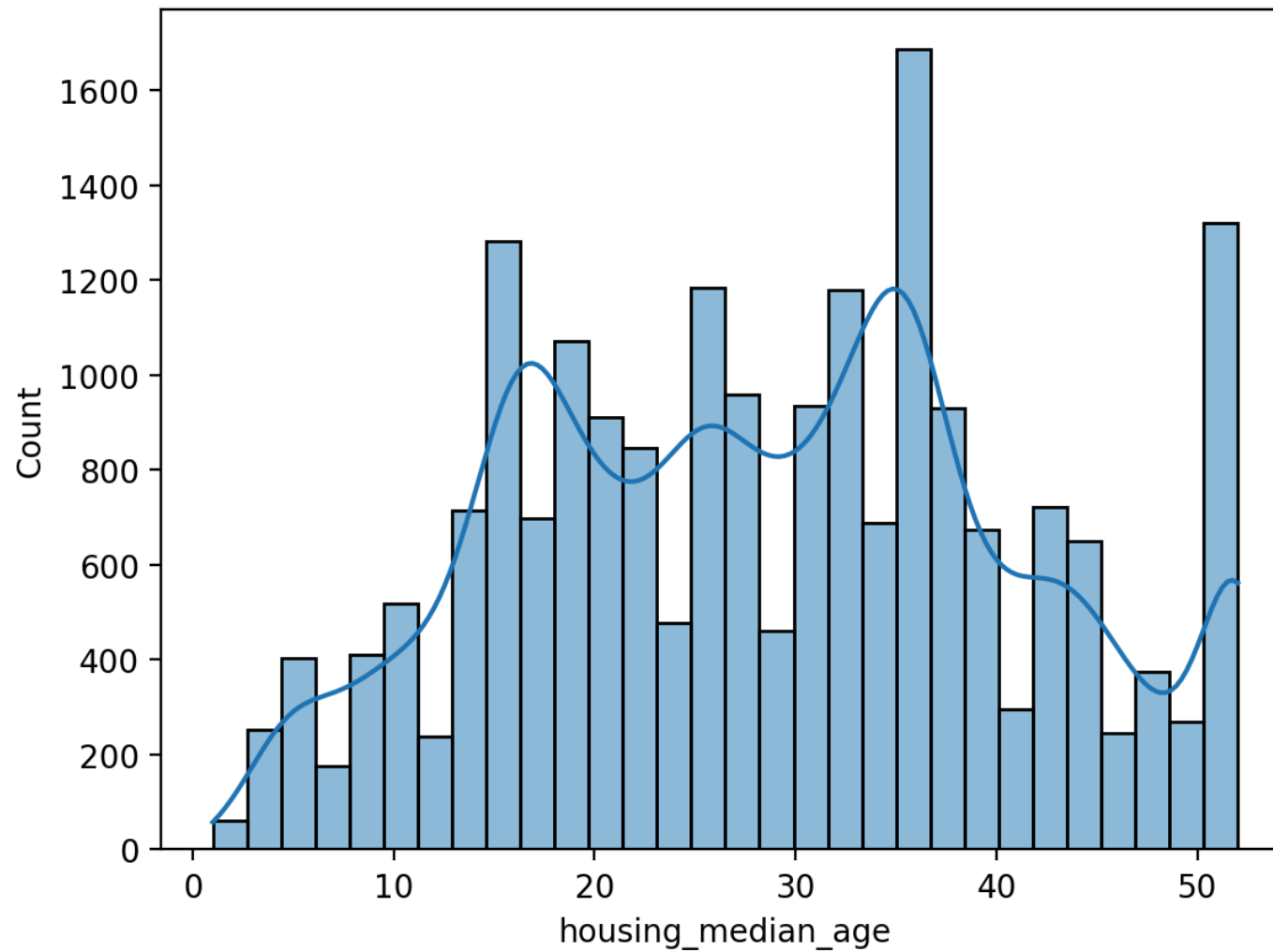
## Statistiques descriptives

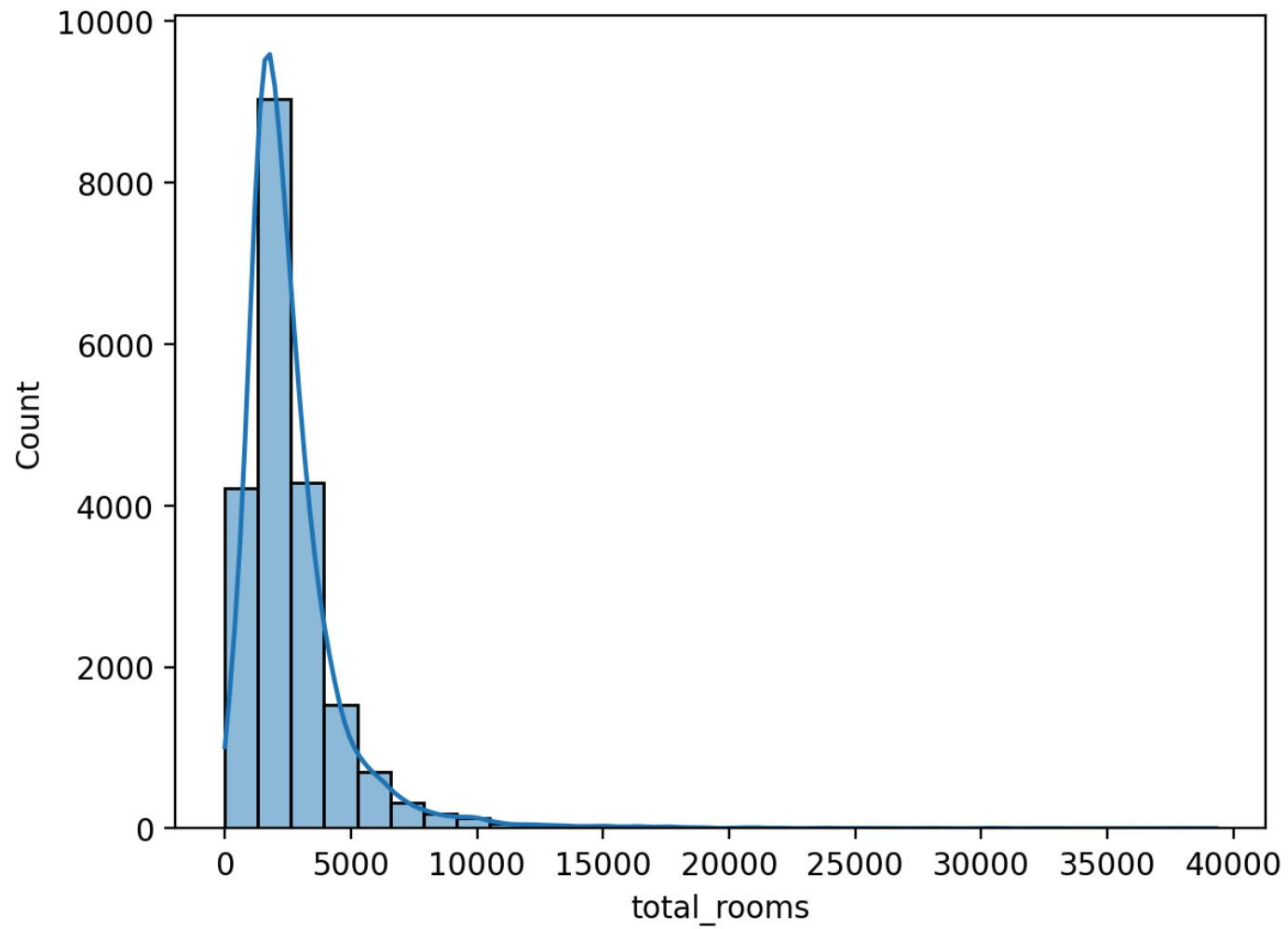
	longitude	latitude	housing_median_age	total_rooms	total_bedrooms	population	households
count	20640	20640	20640	20640	20433	20640	20640
mean	-119.5697	35.6319	28.6395	2635.7631	537.8706	1425.4767	499.5397
std	2.0035	2.136	12.5856	2181.6153	421.3851	1132.4621	382.3298
min	-124.35	32.54	1	2	1	3	1
25%	-121.8	33.93	18	1447.75	296	787	280
50%	-118.49	34.26	29	2127	435	1166	409
75%	-118.01	37.71	37	3148	647	1725	605
max	-114.31	41.95	52	39320	6445	35682	6082

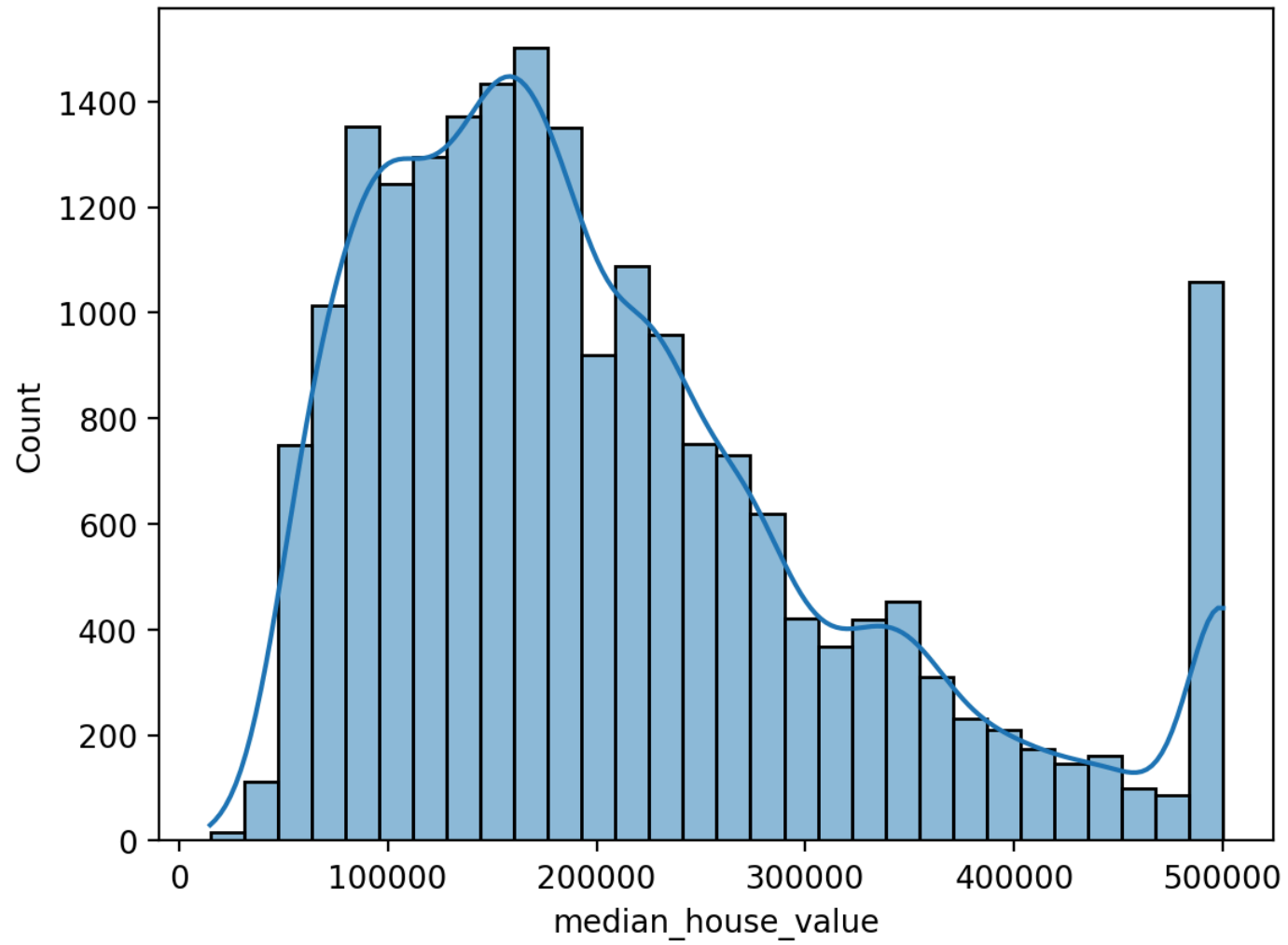
# Visualisations

Distribution des variables

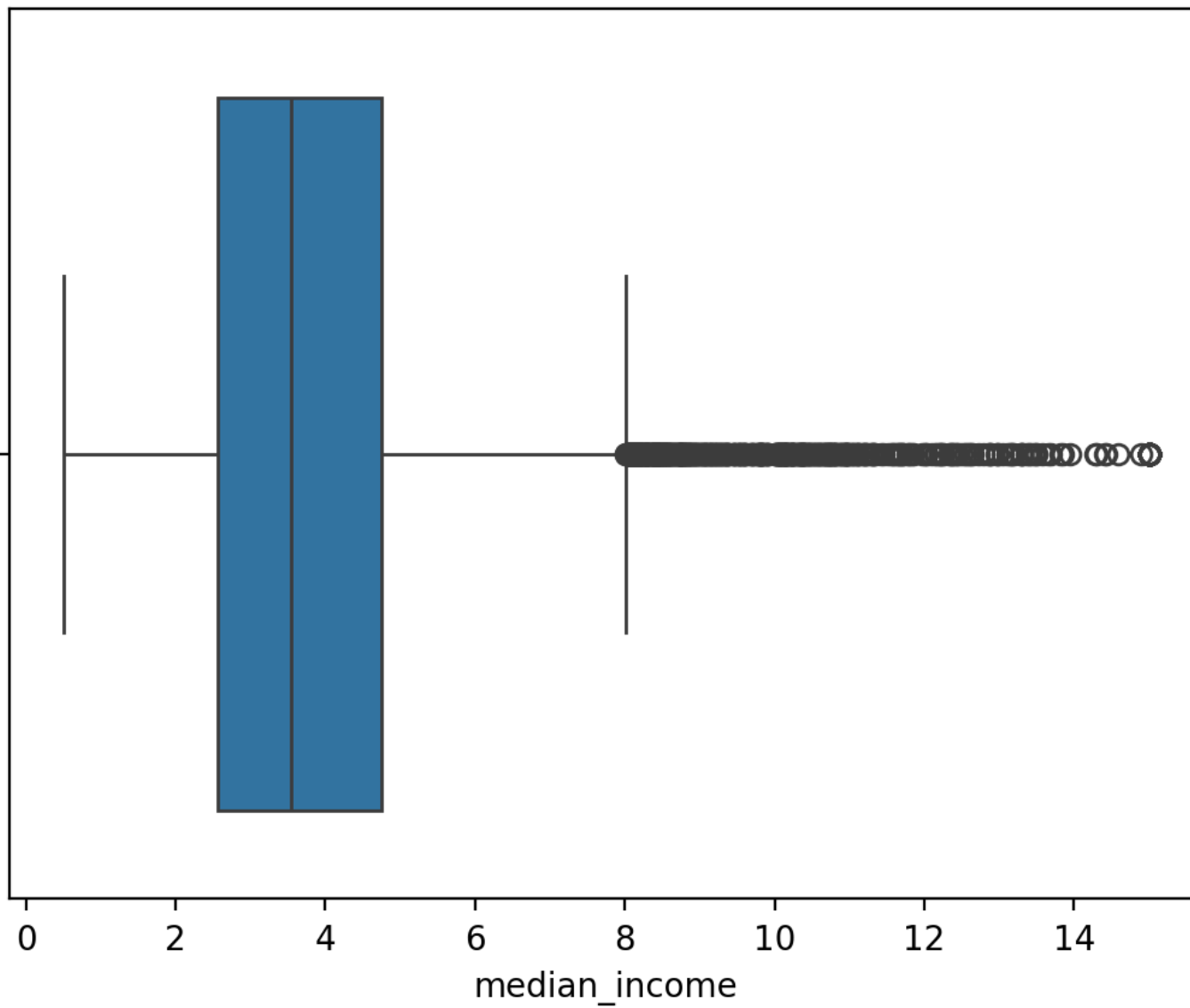


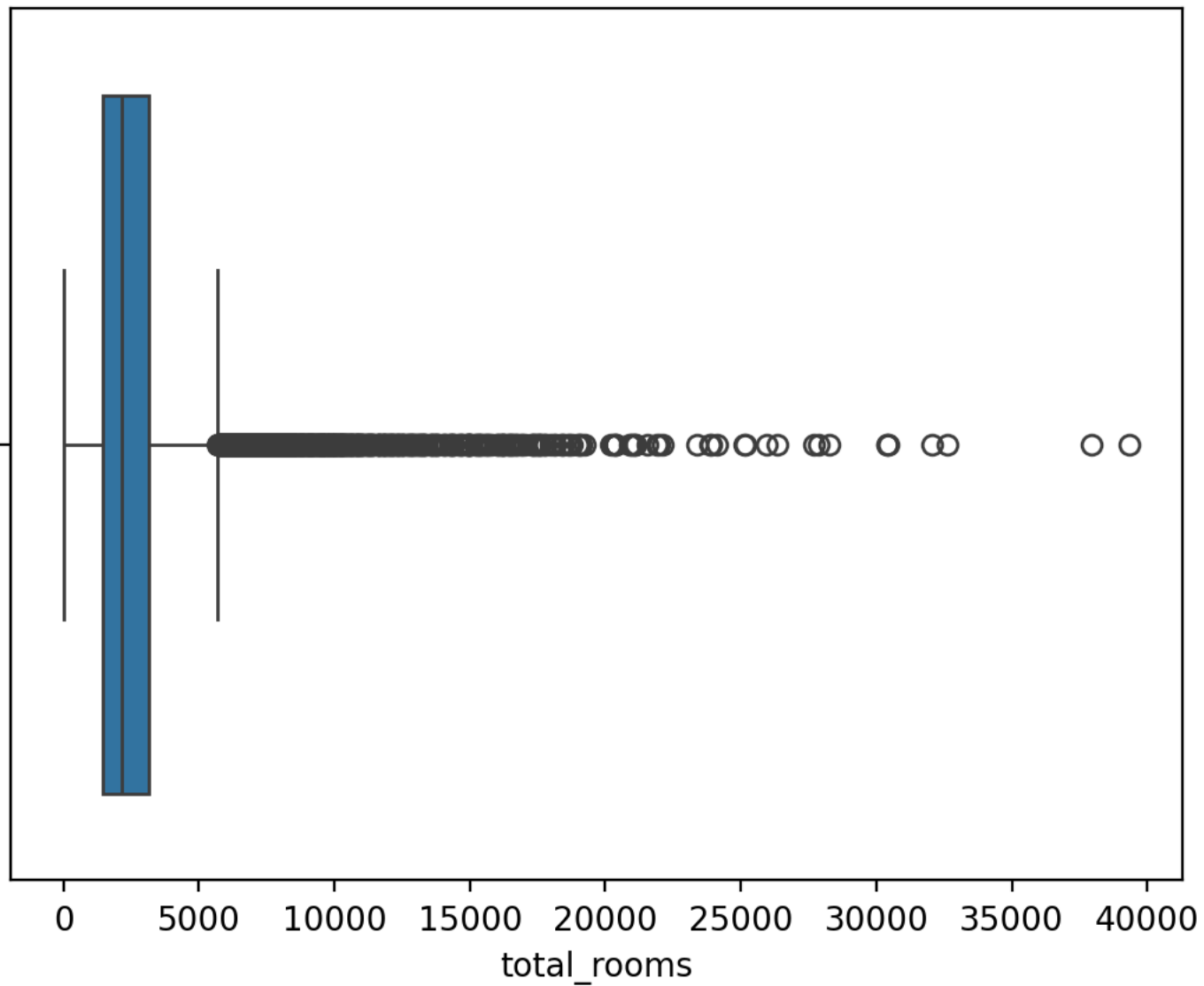






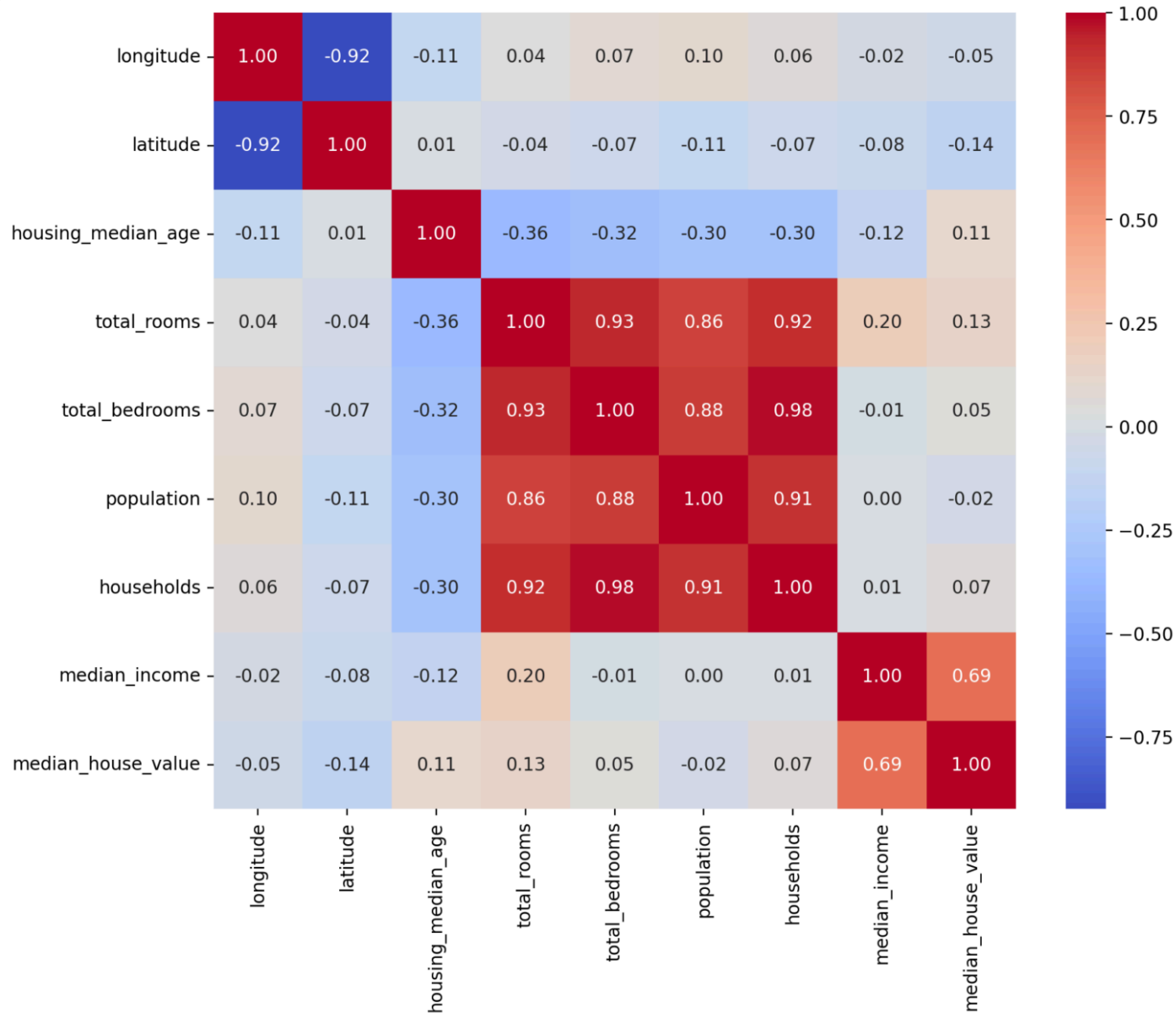
Boxplots





Carte thermique des corrélations





Caractéristiques influentes sur le prix

	median_house_value
median_income	0.6881
total_rooms	0.1342
housing_median_age	0.1056
households	0.0658
total_bedrooms	0.0497
population	-0.0246
longitude	-0.046
latitude	-0.1442