

Your Cha(r)ts

Select Chat

Chat 1



Chart Genie

Step 1: Upload Your Dataset



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Boston housing.csv (34.2KB)



Here's a preview of your dataset:

	crim	zn	indus	chas	nox	rm	age	dis	rad	tax	ptratio	b	lstat	medv
0	0.0063	18	2.31	0	0.538	6.575	65.2	4.09	1	296	15.3	396.9	4.98	24
1	0.0273	0	7.07	0	0.469	6.421	78.9	4.9671	2	242	17.8	396.9	9.14	21.6
2	0.0273	0	7.07	0	0.469	7.185	61.1	4.9671	2	242	17.8	392.83	4.03	34.7
3	0.0324	0	2.18	0	0.458	6.998	45.8	6.0622	3	222	18.7	394.63	2.94	33.4
4	0.0691	0	2.18	0	0.458	7.147	54.2	6.0622	3	222	18.7	396.9	5.33	36.2

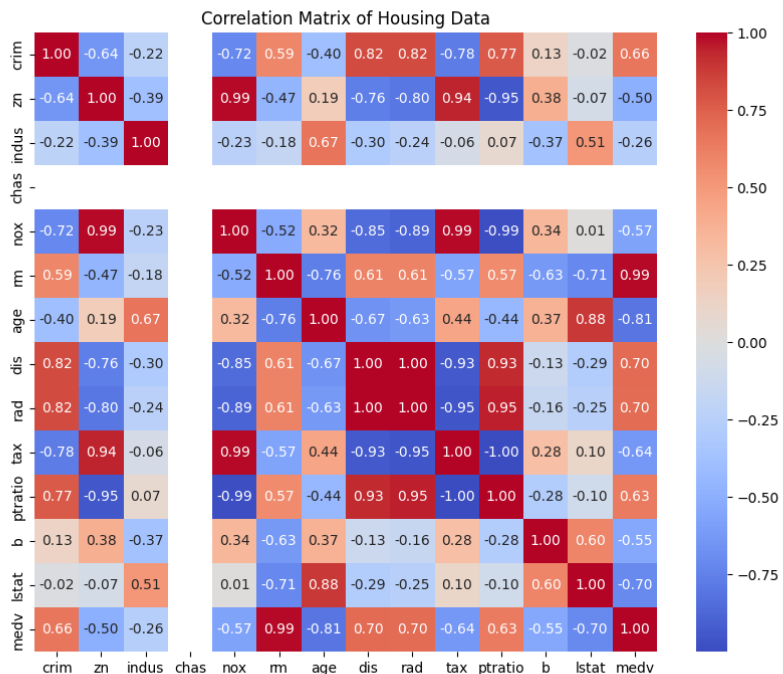
Chat Section



correlation matrix



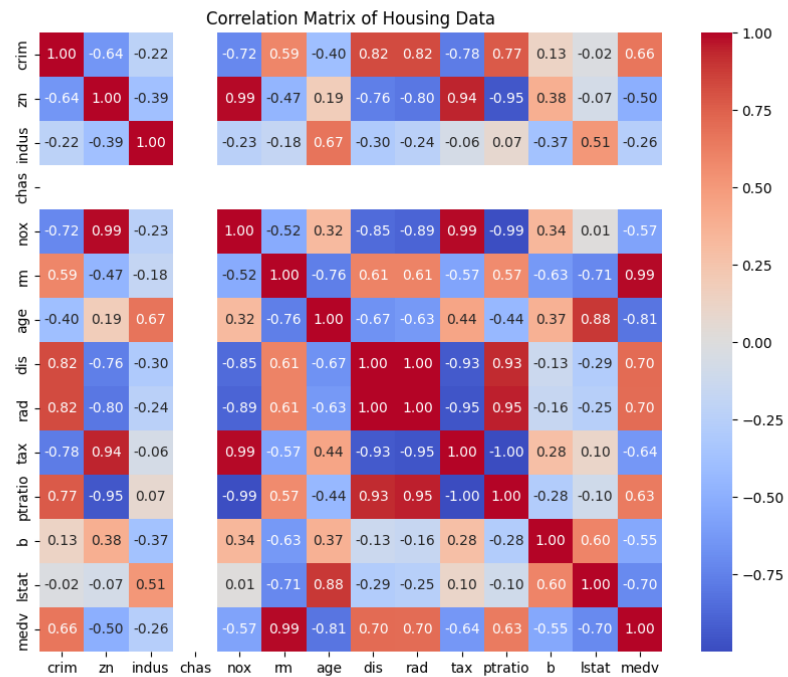
The correlation matrix visualization displays the pairwise correlations between all features in the dataset. Strong positive correlations are shown in darker reds, strong negative correlations in darker blues, and weak correlations in lighter colors.



what can we conclude from the correlation matrix



From the correlation matrix, we can observe the linear relationships between pairs of variables. For example, a strong positive correlation between 'rm' (average number of rooms per dwelling) and 'medv' (median value of owner-occupied homes) suggests that as the number of rooms increases, the median home value tends to increase as well.



pie chart



A pie chart isn't suitable for this dataset as it's designed to show parts of a whole. This dataset contains multiple features with different ranges, making a pie chart an ineffective visualization. Consider a different chart type like a scatter plot or histogram to better explore the data.

Give the prompt

