**[Exercise (Normal Distribution and Z Score for Outlier Removal)](https://github.com/codebasics/math-for-machine-learning/blob/main/3_normal_distribution/Exercise/exercise.md" \l "exercise-normal-distribution-and-z-score-for-outlier-removal)**

You are given bhp.csv which contains property prices in the city of banglore, India. You need to examine price\_per\_sqft column and do following,

1. Remove outliers using percentile technique first. Use [0.001, 0.999] for lower and upper bound percentiles
2. After removing outliers in step 1, you get a new dataframe.
3. On step(2) dataframe, use 4 standard deviation to remove outliers
4. Plot histogram for new dataframe that is generated after step (3). Also plot bell curve on same histogram
5. On step(2) dataframe, use zscore of 4 to remove outliers. This is quite similar to step (3) and you will get exact same result