**DATA AVAILABILITY STATEMENT**

For Training: **BSD dataset-** <https://www2.eecs.berkeley.edu/Research/Projects/CS/vision/bsds/>

For Testing: SET12, CBSD68, KODAK24, and McMaster datasets were used. The testing dataset was obtained from Kaggle and uploaded to Figshare. A link to the dataset is provided for easy access. <https://doi.org/10.6084/m9.figshare.26827765.v1>