

1. Explore two image enhancement techniques from each method and apply them to a specific medical image.
2. Explain the differences between the original and enhanced images.
3. Save the codes in your GitHub for reusing them.

Gamma Correction: Enhances contrast in either dark or bright regions, depending on the gamma value.

CLAHE: Enhances local contrast, making finer details in both bright and dark areas more visible. It prevents noise amplification by limiting the contrast enhancement for overly uniform regions. Works well for medical imaging.

For medical images or scenarios where fine details are critical like detecting cancerous regions, CLAHE works better. It adapts to local features and enhances visibility more effectively. Gamma correction is more suitable for general-purpose brightness adjustments where local details are less critical.

Github: <https://github.com/NusratJahanBristy/Medical-data-analysis>