Results

The following examples show the visual improvement achieved by the SRGAN model on MRI brain scans.
The **Low-Resolution** images are the input, **High-Resolution** are the ground truth, and **Super-Resolution (SRGAN)** are the generated outputs.

Quantitative Results

Performance was evaluated using **Peak Signal-to-Noise Ratio (PSNR)** and **Structural Similarity Index (SSIM)** metrics:

Metric	Average Value
PSNR	57.35 dB
SSIM	0.9878

The high PSNR and SSIM indicate that the generated images are very close to the original high-resolution ground truth in both pixel accuracy and structural similarity.