Report

In this code, I've used some important methods to create an image classification model. I began with a pre-trained model called MobileNetV2 to help my model get started. I also added variety to the training data using data augmentation. To prevent my model from becoming too specialized, I included a dropout layer. When configuring the model, I picked the Adam optimizer with a very slow learning rate of 0.000001 for gradual adjustments. I've tracked my training progress with visuals and evaluated my model's image classification using a confusion matrix. These decisions make my deep learning approach work well.

Google Colab link - <https://colab.research.google.com/drive/1T5ZqyWkpJjGpqtE_mo8rsujnFD9_0Eay?usp=sharing>



