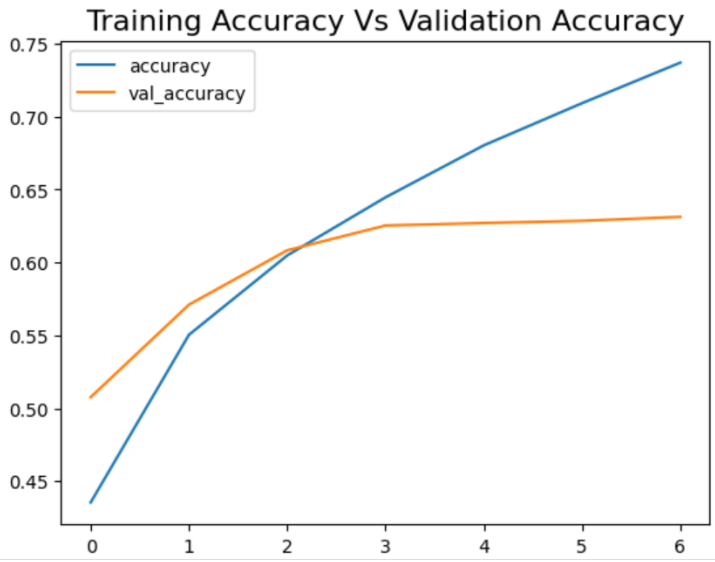
Activity 5

This exercise offered practical experience with Convolutional Neural Networks (CNNs) through training a model on the CIFAR-10 dataset using Google Colab. After six epochs, the model achieved a test accuracy of 70%, which represents a strong outcome for a basic setup. We further validated the model by testing it on individual images, where the predictions aligned with the expected labels—demonstrating the model's capability to capture key visual patterns. Overall, this activity served as an insightful introduction to real-world image classification applications.

0s [38] plt.show()



Variables Terminal

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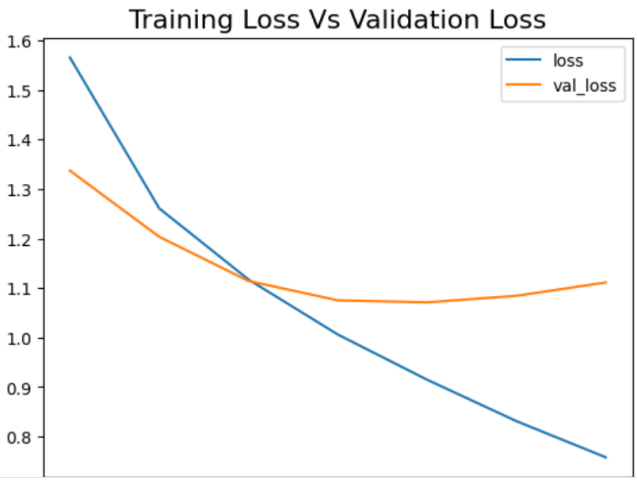
plt.title('Training Loss Vs Validation Loss', fontsize=16)
plt.show()
```



Variables Terminal