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GPT-4o (Tokens used 1239)

Creating a desktop application that recognizes handwritten digits using a Convolutional Neural Network (CNN) involves several steps. Below is a simplified example using Python, Tkinter for the GUI, and TensorFlow/Keras for the machine learning model.

1. **Train a CNN Model:** First, you need to train a CNN model on the MNIST dataset, which contains handwritten digits.
2. **Build the GUI:** Create a simple GUI where users can draw digits.
3. **Integrate the Model with the GUI:** Use the trained model to predict the digit from the user's drawing.

Here's a step-by-step guide to achieve this: