

A Novel Method for Handwritten Digit Recognition System

Importing the Required Libraries

```
import numpy
import matplotlib.pyplot as plt
from keras.utils import np_utils
from tensorflow.keras.datasets import mnist
from tensorflow.keras.models import Sequential
from tensorflow.keras.layers import Conv2D, Dense, Flatten
from tensorflow.keras.optimizers import Adam
import numpy as np
import pandas as pd
from tensorflow.keras.models import load_model
from PIL import Image, ImageOps
```