

A NOVEL METHOD FOR HANDWRITTEN DIGIT RECOGNITION SYSTEM

IMPORYING THE REQUIRED LIBRARIES

```
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import tensorflow as tf
from tensorflow.keras.datasets import mnist
from tensorflow.keras.models import Sequential
from tensorflow.keras import layers
from tensorflow.keras.layers import Dense, Flatten, MaxPooling2D
from tensorflow.keras.layers import Conv2D
from keras.optimizers import Adam
from keras.utils import np_utils
from tensorflow.keras.models import load_model

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import pandas as pd
from tensorflow.keras.models import load_model
from PIL import Image, ImageOps
```