Meenakshi Sundararajan Engineering College : Department of Computer Science and Engineering

NM1009 - Generative AI for Engineering

HANDWRITTEN DIGIT GENERATION USING MNIST DATASET

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INTERNAL GUIDE:

Dr.S.AARTHI

Head of The Department, CSE

FEATURES:

1. Hybrid Architecture: Integrates CNN-LSTM for robust digit image generation, combining spatial feature extraction with sequential dependency modelling.

2. Enhanced Training: Utilizes diverse strategies and dataset augmentation for adaptable model training, ensuring variability in synthetic digit generation.

ARCHITECTURE :