



<b>PROJECT NAME</b>	Intelligent Handwritten Text Recognition using Deep Learning
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### PROJECT DESCRIPTION:

This project develops a deep learning system for handwritten text recognition using CNNs and RNNs. Focus areas include multilingual support, noise reduction, and applications in document digitization.

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### WEEKLY ACTIVITIES:

Date	Activities
<b>09/12/2024 (Mon)</b>	<ul style="list-style-type: none"><li>• MNIST dataset exploration</li></ul>
<b>10/12/2024 (Tue)</b>	<ul style="list-style-type: none"><li>• Data preprocessing for digit recognition</li></ul>
<b>11/12/2024 (Wed)</b>	<ul style="list-style-type: none"><li>• Random Forest Classifier study</li></ul>
<b>12/12/2024 (Thu)</b>	<ul style="list-style-type: none"><li>• Model implementation and training</li></ul>
<b>13/12/2024 (Fri)</b>	<ul style="list-style-type: none"><li>• Completed Handwritten Digit Recognition (94% accuracy)</li></ul>
<b>14/12/2024 (Sat)</b>	<ul style="list-style-type: none"><li>• Model optimization and documentation</li></ul>

**Next Week Plan: Start computer vision concepts**

