Project Name – Handwritten Digit Recognization by using Machine Learning

(Machine Learning Project Batch 2)

Name – Tejas Bhagawant Kumbhar

Batch – 2

Literature Survey:

Prepare below table after reading and analysing IEEE Papers:

Sr. No	Title of Paper	Name of Authors	Published Year	Remarks
1	Bangla Handwritten Digit Recognition Using an Improved Deep Convolutional Neural Network Architecture	Chandrika Saha, Rahat Hossain Faisal and Md. Mostafijur Rahman	9 February, 2019	A seven layered D-CNN model is proposed in this paper for Bangla handwritten isolated digits, which provides up to 99.9% accuracy on training data and 97.6% accuracy on test data.
2	Handwritten Digit Recognition Using CNN	Mayank Jain Gagandeep Kaur Muhammad Parvez Quamar Harshit Gupta	30 June 2021	acknowledgment pace of 99.89% with the Adam analyzer for the MNIST information base, which is superior to all recently revealed outcomes.
3	HDSR-Flor: A Robust End-to-End System to Solve the Handwritten Digit String Recognition Problem in Real Complex Scenarios	ARTHUR FLOR DE SOUSA NETO1 , BYRON LEITE DANTAS BEZERRA 1 , (Member, IEEE), ESTANISLAU BAPTISTA LIMA1 , AND ALEJANDRO HÉCTOR TOSELLI2	18 November 2020	different arrangements between the partitioning of data for training and validation, varying from 90%/10% to 10%/90%.
4	Handwritten Digit Recognition	S M Shamim, Mohammad	14 March 2021	The overall highest accuracy

	Using Machine Learning Algorithms	Badrul Alam Miah, Angona Sarker, Masud Rana & Abdullah Al Jobair		90.37% is achieved in the recognition process by Multilayer Perceptron. This work is carried out as an initial attempt, and the aim of the paper is to facilitate for recognition of handwritten numeral without using any standard classification techniques

(Remarks: It will include all the points that you understand from the paper..such as methodology, algorithms, advantages, disadvantages, applications, etc.)

Recent 3 years…..