# PROBLEM - SOLUTION FIT: PROJECT NAME:

# A NOVEL METHOD FOR HANDWRITTEN DIGIT RECOGNITION SYSTEM

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1.CUSTOMER SEGMENT(S):
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Customers who deal with handwritten numbers include banking industries, educational institutions, and other

railroads, businesses, etc

## 4. AVAILABLE SOLUTIONS

read handwriting; instead, they confirm the identify the numbers that their clients have number with other people.

7. CHANNELS OF BEHAVIOUR <u>Use online available software. Enlisting the</u> There are no widely used programmes that aid of individuals in the area in order to written

### 2. JOBS-TO-BEDONE/PROBLEMS:

Sometimes it might be challenging to read and understand handwritten numbers. When working with it could result in mistakes.

sloppy writing.

## 5.CUSTOMER CONSTRAINT(S):

They think that the alternatives will ca mistakes, accidents and inconvenienc

### 8. PROBLEM ROOT CAUSE

Due to varying written pattern and the lack of optical characters identification provided by this inquiry, we counter many difficulties while attempting to recognise handwritten numbers.As a result, we can compare various techniques

# 3. TRIGGERS

to rapidly and precisely collect the statistics.

## **6. BEHAVIOUR**

Finding the finest software to more quickly and accurately recognise digits

### 9. YOUR SOLUTION

**Hand written digits evolution** system, which employs a photograph of a digit existing in the image convolutional neural network model belt with 5% MNIST dataset