

PROBLEM - SOLUTION FIT: PROJECT NAME :  
A NOVEL METHOD FOR HANDWRITTEN DIGIT  
RECOGNITION SYSTEM

Team Members: Santhosh P S, Hariharan G, Krishnan S, Rishi Kumar G

<p><b>1.CUSTOMER SEGMENT(S):</b></p> <p>Customers who deal with handwritten numbers include banking industries, educational institutions, and other</p> <p>railroads, businesses, etc</p>	<p>4. <u>AVAILABLE SOLUTIONS</u></p> <p><u>There are no widely used programmes that can read handwriting; instead, they confirm the number with other people.</u></p>	<p>7. <u>CHANNELS OF BEHAVIOUR</u></p> <p><u>Use online available software. Enlisting the aid of individuals in the area in order to identify the numbers that their clients have written</u></p>
<p>2. JOBS-TO-BEDONE/PROBLEMS:</p> <p>Sometimes it might be challenging to read And understand hand written numbers when Working with it could result in mistakes, Sloppy writing</p> <p>.</p>	<p>5. CUSTOMER CONSTRAINT(S):</p> <p>They think that the alternatives will cause mistakes ,accidents and inconvenience</p>	<p><b>8. PROBLEM ROOT CAUSE</b></p> <p>Due to varying written pattern and identification provided by this inquiry, we counter many difficulties while attempting to recognise handwritten numbers.As a result, we can compare various techniques</p>

### **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**