

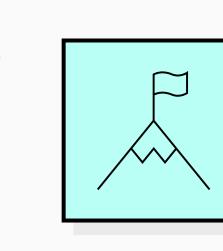
## WHO are we empathizing with?

Who is the person we want to understand? What is the situation they are in? What is their role in the situation?

The people

## What do they need to DO?

What do they need to do differently? What job(s) do they want or need to get done? What decision(s) do they need to make? How will we know they were successful?





### What do they HEAR?

What are they hearing others say? What are they hearing from friends? What are they hearing from colleagues? What are they hearing second-hand?

Workers in bank and postal sector

To create a

model with

great

accuracy

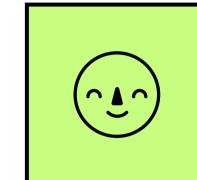
Building

user friendly

and

attractive UI

What are their fears,



What are their wants,

No human needed to digits

> Helpful in bank check processing,

plate

# What do they THINK and FEEL?

### **PAINS**

frustrations, and anxieties?

Data

preprocessing



#### **GAINS**

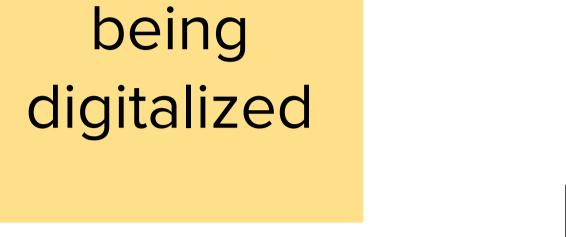
needs, hopes, and dreams?

intervention recognise the

postal cards.

Can be used in number recognition system

Accurate results

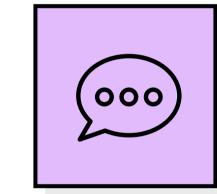




## What do they SEE?

What do they see in the marketplace? What do they see in their immediate environment? What do they see others saying and doing? What are they watching and reading?

Everything

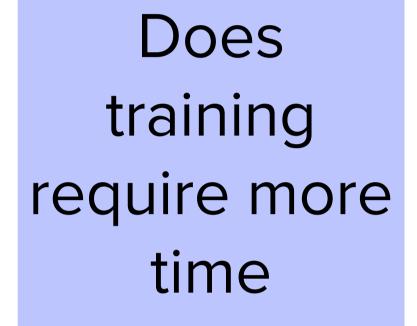


## What do they SAY?

What have we heard them say? What can we magine them saying?

Handwritten digits must digitalized

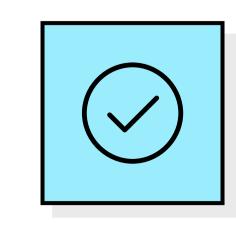
> Need a model to recognise digits



Can it be used for numbers of different languages

> Existing solutions are available

Would it be efficient



## What do they DO?

What do they do today? What behavior have we observed? What can we imagine them doing?

Avoid the manual typing of digits

Write the digits using pen and paper

Produce error free result with great accuracy

Helpful in all sectors