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## My\_Interest

Data Analyst, Data Science, Big Data, Machine Learning.

Python is the most demanded language in the field of ML, DL, DS.

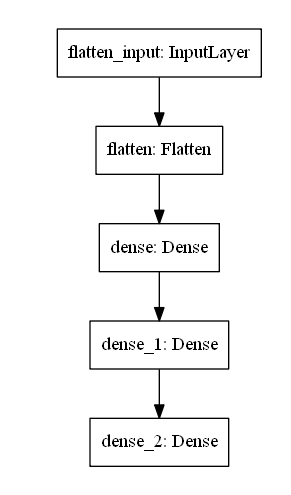
## Project info

The Project Name:

KhadeerPasha\_Project\_Handwritten\_Digit\_Identification\_using\_DL\_RegexSoftware.

Some of key functionalities:

* visual pattern recognition handwritten digits.
* how a perceptron works!
* learning algorithms
* which can automatically tune
* the weights and biases of a network of artificial neurons
* a three-layer neural network
* sigmoid neuron
* Activation function
* cost function
* rule gradient descent algorithm
* hyper-parameters of the neural network



## Technologies Guidance

Project is created with:

\* Regex Software

## Setup

To run this project

install TensorFlow

mnist\_dataset

python 3.x with following modules installed

1. numpy
2. seaborn
3. tensorflow
4. keras
5. opencv2