Language Detection Using Natural Language Processing

Under the esteemed guidance of:

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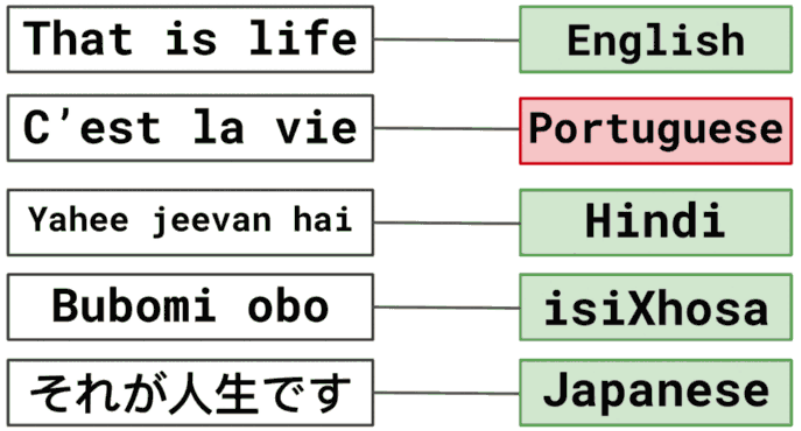
INTRODUCTION:

- Language detection is usually used to identify the language of business texts like emails and chats. This technique identifies the language of a text and the parts of that text in which the language changes, all the way down to the word level. It is primarily used because these business texts (chats, emails, etc.)



MISSION

- Created and provide only the best for the Language Detection

VISION

- The leading and innovative digital Technology to provide the best quality Language detection.

That is life

Cest la vie

Yahee jeevan hai

Bubomi obo

それが人生です

LIBRARIES AND DATA SET USED:

- numpy
- pandas
- matplotlib.pyplot
- seaborn
- re
- sklearn
- Data set are Language_Detection.csv
- Data set from kaggle

TECHNOLOGY USED:

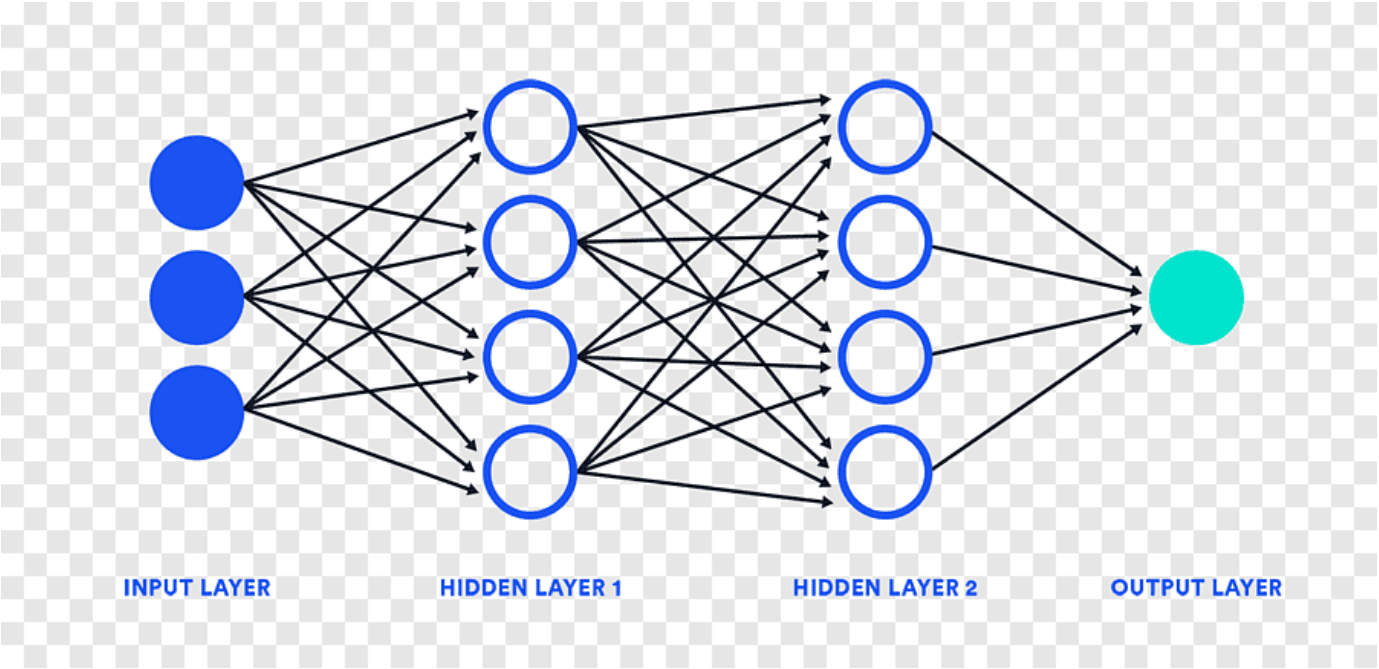
- Machine learning
- Well, for the smooth running of the project we've used few libraries like Numpy, Pandas, Scikit-learn, and Matplotlib.pypot

REQUIREMENTS:

- **Software requirements system:**
  - Windows (Version 7,8,10 or 11)
  - Development Environment: Google Colab
- **Hardware requirements:**
  - System Pentium 4, Intel core i3,i5,i10 and 2GHz
  - Minimum RAM:512Mb or above
  - Hard Disk:5GB or above

PROCESS STAGE:

NEURAL NETWORS:



Neural networks, also know as Artifical Neural Networks(ANNs) or simulated neural networks(SNNs).

Artifical neural networks are comprised of a node layers, containing an input layer, one or more hidden layers, and an output layer.


THANK
YOU!