

Mosif Chat Bot DL

Teams:

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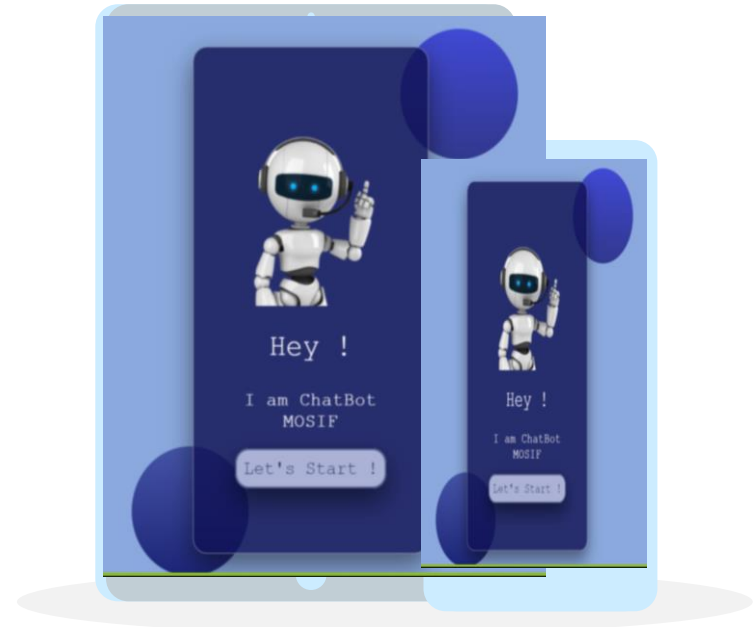


Table of contacts

1

Introduction

2

preprocess

3

Modeling

4

Result

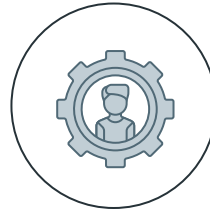
Introduction

First aid is the provision of initial care for an illness or injury, usually performed by a non-expert person to a sick or injured person until definitive medical treatment can be accessed by a professional

Goals



The Quick answer when
someone an injury occurs



Helping people and treating
them with first aid

Data

Our data consists of 3 types it is Tags, Patterns Responses:

- The type data is intents
- The size data is "46" Tags

Pre-processing

Load & Split

1

2

3

Encoding

NLP Cleaning

Tokenization
Vectorization

Modeling DL

- Bassline LR
- NN Bassline
- Simple NN Model
- NN Model With Embedding Layer
- CNN Model
- Sentiment Analysis

Baseline

	Training	Test
Logistic	0.987	0.575

NN Bassline

- **NN Bassline**

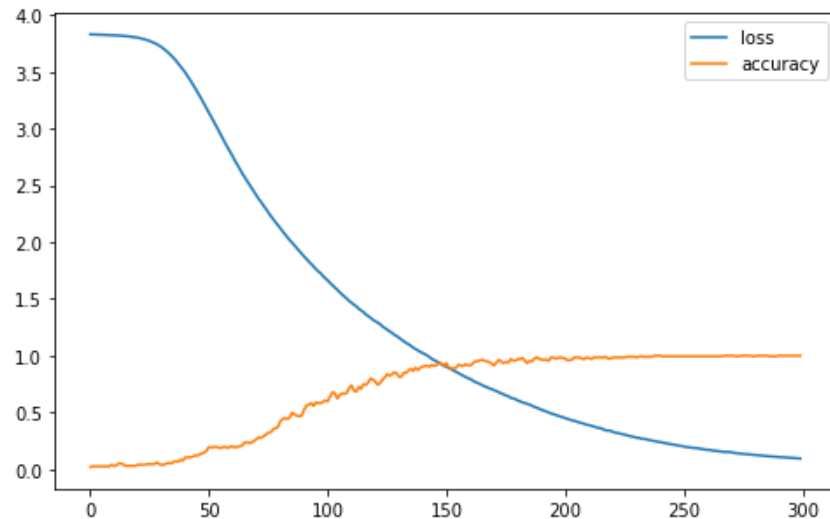
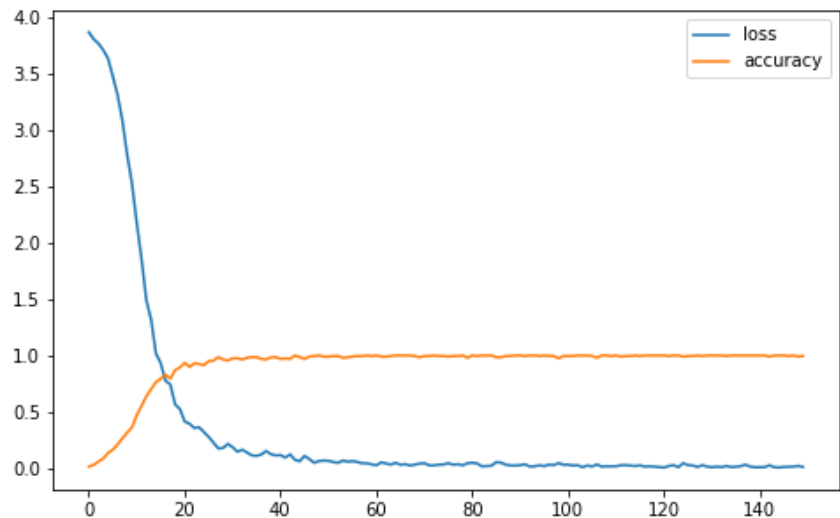
Loss 2.6773

Accuracy 0.2462

Simple NN Model

- Loss 0.0120

- Accuracy 0.9950



NN Model With Embedding Layer

- Loss 0.0952

- Accuracy 1.000

Best Model

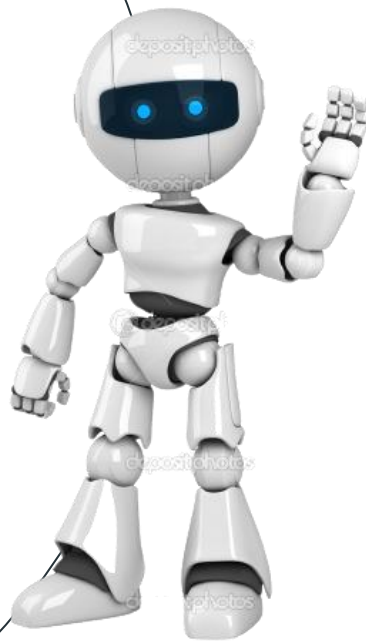
NN Model With Embedding Layer

GlobalAveragePooling1D

Dense → 16

Activation → relu

Early Stopping → “loss”



Sentiment Analysis

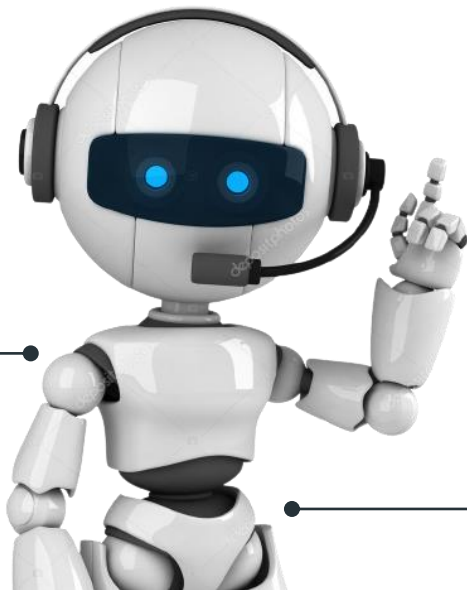
- **Data**
- **Naive Bayes**
- **Random Forest**



Tools

Tools

- Vs code
- Git & GitHub
- Jupiter
- NLTK
- Panads & Numpy
- Keras
- tensorflow



Front-end

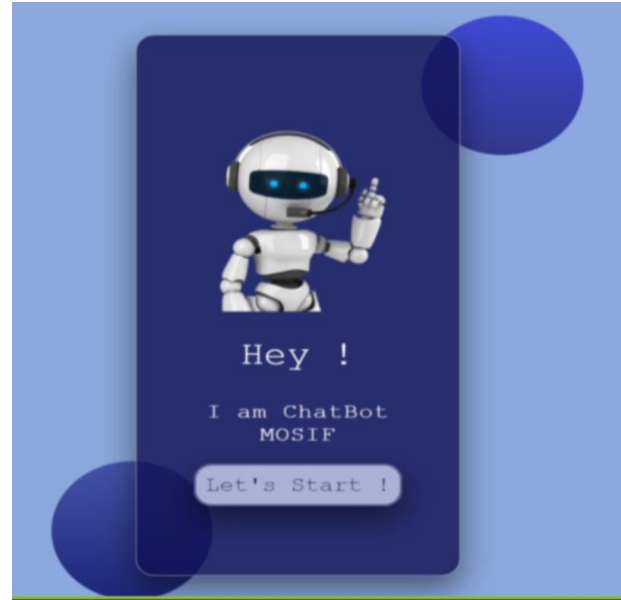
- Figma
- HTML
- CSS

Back-end

- Python
- JavaScript
- Flask

Demo

Let's go to show you our App, it's
name" Mosif" Chat Bot 😊



Future Work

A

Change the data to Arabic Languages

B

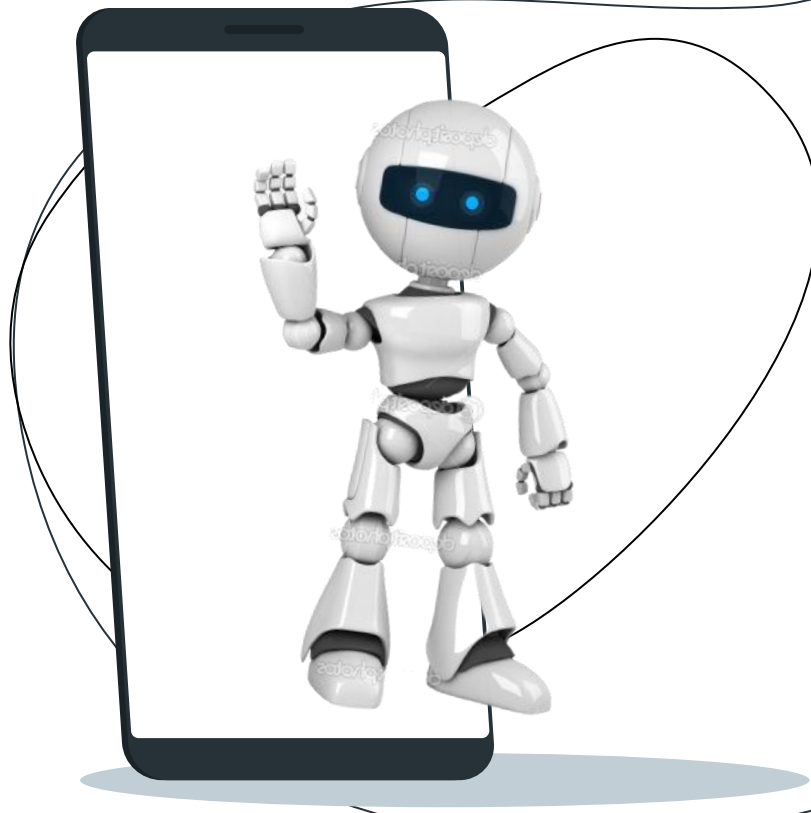
add all info about the case to sehati app

C

add voice assistant to can chatbot answer fistar

D

Add Photo assistant to know the mosif disease



Thanks!

Do you have any questions?

