# Welcome to [Hirthick's](https://github.com/Hirthick6/) profile! <a href="https://github.com/Hirthick6/"> <img src="https://media.giphy.com/media/hvRJCLFzcasrR4ia7z/giphy.gif" width="25px"></a>

### I'm a... <img src="https://www.web24zone.com/wp-content/uploads/2022/10/46207-programmer-1.gif" height=15% width=40% align="right">

\* Future Data Scientist

\* Deep Learning in Medical Image Processing and Analysis Paper Author

\* Self-Taught Coder

\* Demanding Perfectionist

🌱 I'm currently learning: Data Structures and Algorithms on [LeetCode](https://leetcode.com/hirthicksofficial)<br>

📬 How to reach me: [hirthicksoffical@gmail.com](mailto:hirthicksoffcial@gmail.com)<br>

📝 [Resume](https://github.com/Hirthick6/RESUME/blob/main/Hirthick%20official.pdf)<br>

💪 This is where I write, code and solve problems.<br><br>

As a Data Science Student, I enjoy using my obsessive attention to detail, my unequivocal love for making

things that change the world.

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### My Skills

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### Find me on

\_(click the button!)\_

[![GitHub](https://img.shields.io/badge/-GitHub-blue?style=for-the-badge&logo=github&logoColor=white)](https://github.com/Hirthick6) [![Email](https://img.shields.io/badge/-Email-blue?style=for-the-badge&logo=mail.ru&logoColor=white)](mailto:hirthicksofficial@gmail.com)

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### I'm Completed on Right Now

#### Completed Conference Papers

[![Deep Learning Conference Papers](https://upload.wikimedia.org/wikipedia/commons/f/ff/IGI\_Global.jpg)](https://digital-library.theiet.org/content/books/10.1049/pbhe059e\_ch16)

1. \*\*Brain Tumor Analysis Adopting a Deep Learning Classifier Based on Glioma, Meningioma, and Pituitary Parameters\*\*

➤ [Link to Paper](https://digital-library.theiet.org/content/books/10.1049/pbhe059e\_ch16)

2. \*\*Deep Learning Advancements in Malaria Diagnosis: A PyTorch-Based Ensemble Approach for Image Classification\*\*

➤ [Link to Paper](https://www.igi-global.com/chapter/deep-learning-advancements-in-malaria-diagnosis/351607)

### I'm working on Right Now

#### Crop Prediction Model:

The development of a machine learning model utilizing advanced regression and supervised algorithms like Random Forest to accurately forecast crop yields. The model, incorporating historical agricultural data and time series analysis, provides valuable insights for stakeholders and policymakers in the agribusiness sector.

#### Real-Time Startup Success Predictor:

Designed and implemented a real-time data classification system for a startup, employing Support Vector Machines and Neural Networks. The innovative approach, incorporating diverse features and continuous updates, enhanced decision-making processes and attracted investor attention.

#### Accelerometer-Based Human Activity Prediction:

Researched and developed a robust machine learning model using accelerometer data and deep learning techniques. Achieved high accuracy in classifying human activities with a fine-tuned architecture, paving the way for applications in health monitoring, fitness tracking, and assistive technologies.

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### 📊 My GitHub Stats:

![](https://github-profile-trophy.vercel.app/?username=Hirthick6&theme=radical&no-frame=false&no-bg=true&margin-w=4&title=MultiLanguage,Repositories,Stars,Experience,Followers)

![](https://github-profile-trophy.vercel.app/?username=Hirthick6&row=1&column=1&theme=darkhub&no-bg=true&no-frame=true&title=Joined2020&margin-w=4)

![](https://github-readme-streak-stats.herokuapp.com/?user=Hirthick6&theme=radical&hide\_border=false)

![](https://github-readme-stats.vercel.app/api/top-langs/?username=Hirthick6&hide=jupyter%20notebook&theme=radical&hide\_border=false&include\_all\_commits=false&count\_private=true&layout=compact)

<br>

- 👨‍💻All of my projects are available at [https://github.com/Hirthick6](https://github.com/Hirthick6)

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\*\*Check out

✨[`@Hirthick`](https://github.com/Hirthick6)✨\*\*

**Projects:**

# Startup-Company-Machine-Learning with Streamlit

"Startup-Company-Machine-Learning with Streamlit" likely refers to a project or initiative where a startup company is leveraging Streamlit, a Python library for creating web applications, to showcase or deploy machine learning models.

## Demo WebApp

This app is up and running on Streamlit cloud server!!! Thanks 'Streamlit' for the community support for the cloud upload. You can check the demo of this web application on the link below.

[Startup-Company-Machine-Learning with Streamlit ](https://github.com/Hirthick6/Startup-Company-Machine-Learning)

## Project Overview:

#### Mr. Hirthick have successfully completed a groundbreaking project over the course of 2 months, focusing on Startup-Company-Machine-Learning with Streamlit . This collaborative effort showcases their expertise in machine learning, and software development.

- ### Team Members

![demo](https://media.giphy.com/media/v1.Y2lkPTc5MGI3NjExMnBuZXZ0aGhqNTFtd3Q0MnBrbXUwcjBjNjI4M3JqcTFkaGw4eXdoeSZlcD12MV9pbnRlcm5hbF9naWZfYnlfaWQmY3Q9Zw/wXFdM9bohG4bqK2qOT/giphy.gif

)

### If you have any doubt or want to contribute feel free to hit me up on (hirthicksofficial@gmail.com)

# Startup-Company-Machine-Learning with Streamlit Demo

### Home page

![demo](https://media.giphy.com/media/v1.Y2lkPTc5MGI3NjExeThnbDQ5cmVrYnBkcGp2dHZkdWQybjFpOXVjNHduaGR2dnRnYjRjMyZlcD12MV9pbnRlcm5hbF9naWZfYnlfaWQmY3Q9Zw/BuiWalMAqdDgv7IYBK/giphy.gif

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### Startup Prediction Performance

![demo](https://media.giphy.com/media/v1.Y2lkPTc5MGI3NjExZzd4Mmd3dXQ1cm9rM2lzemx5ajBzcmF3dDU0dDBjcTFpbXU5bDcwaCZlcD12MV9pbnRlcm5hbF9naWZfYnlfaWQmY3Q9Zw/qLnwPvnST1VznZyhb8/giphy.gif)

### Startup Dashboard Performance

![demo](

https://media.giphy.com/media/v1.Y2lkPTc5MGI3NjExZmRjbWJ0ZWJnb2R2MWl5cWpkeWVpdnJjdW80a2N6d3M4dDdxNWc3aCZlcD12MV9pbnRlcm5hbF9naWZfYnlfaWQmY3Q9Zw/SsrxpmCAbUPDzrM236/giphy.gif)

## Requirements

Python 3.9.13

Streamlit

Machine Learning

Pandas

Numpy

Scikit-learn

## How to Run

\* Clone the repository

```

$ git clone https://github.com/Hirthick6/Startup-Company-Machine-Learning.git

```

\* Setup Virtual Environment

```

$ python3 -m venv env

```

\* Activate the virtual environment

```

$ env\Scripts\activate

```

\* Install dependencies using

```

$ pip install -r requirements.txt

```

\* Run Streamlit

```

$ streamlit run main.py

```

</br>

## Acknowledgements

If you have any doubt or want to contribute feel free to hit me up on (hirthicksofficial@gmail.com)

The app uses the Streamlit(<https://github.com/streamlit/streamlit>) library for the user interface.\*\*