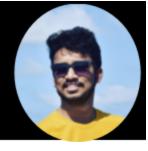# Surya Teja Menta

Personal Information

- 03 - 08 - 1999
- 3-10-25(c), Kotha Bazar, Kavali, AP,IN
- +91 8309584461
- @ mentasuryateja@gmail.com
- Surya Teja Menta
- Linked In
- Portfolio

Professional skills

Knowledge: Data Science, Machine Learning, Deep Learning, NLP& CV
Languages: Python, HTML, CSS, Web development, SQL
Frameworks: Tensorflow, Pytorch, Keras
Cloud: AWS, GCP
Libraries: Numpy, Pandas, Sklearn, Spacy, NLTK, Opencv
Tools: GitHub, Git, Google DataStudio
Others: Statistics & Probability, Mathematics, Linear Algebra, Worked on Complex Datasets

Certificates & Courses

- IBM Professional Data Scientist Certificate
- Advanced Deep Learning course in Ineuron.AI
- Python & Web Development

Softskills

- **Analytical Thinking:** Demonstrated through experience in data analysis, statistical techniques, and working on complex datasets.

- **Problem Solving**: Implementing algorithms, and finding solutions.

- **Collaboration:** Highlighted by working with Google on the Google LX Project, collaborating with clients, and creating analytics dashboards and reports to meet their requirements.

- **Communication:** Evident through writing AI/ML blogs, presenting papers, and effectively communicating complex concepts to both technical and non-technical stakeholders.

- **Continuous Learning:** Exhibited by pursuing advanced courses and certifications in data science, machine learning, and deep learning.

- **Adaptability:** learning new technologies, and actively contributing to AI/ML communities.

Profile

Experienced 2+ years of hands-on experience in **Data Science & ML** and Industrial Experience in **industrial data analysis** and **Data Visualisation** as a Data Analyst. I have done projects in AI/ML and they are on **GitHub**. IBM Professional Data Scientist certified with a bachelor's degree in Computer Science & Engineering. Proficient in scientific and mathematical models, and skilled in statistical techniques. Passionate about sharing knowledge through AI/ML blogs.

Work Experience

- **Data Analyst - Tudip Technologies**
  Oct 2020 - Present

  Collaborated with Google as a Data Analyst on the Google LX Project, also known as Google Seismic. This project involved working with a content management platform maintained by Google for sellers and retailers. My responsibilities included creating analytics dashboards and reports using Google Datastudio, catering to client requests and platform requirements..

Education

- **Bachelor's Degree(CS) - PBR VITS, Kavali, Ap**

  June 2016 - May 2020

  I have done my Bachelor's degree in Computer Science with **78.3%.** I have participated in paper presentations and won prizes too.

- **HSC - Narayana Junior College, Kavali, Ap**

  June 2014 - May 2016

  I have completed my HSC education with a 92.5%

- **SSC - Kranthi EM School, Kavali, Ap**

  June 2004 - May 2014

  I have done my schooling with 87%. I also participated in school dramas, sports, etc.

Languages

- English - Telugu (Mother Tongue) - Hindi

Hobbies

My hobbies are Playing cricket, Cooking, Reading books, Learning Tech Stuff, etc,

Projects

1. Re-Enhance.AI (Opencv, ESRGAN, Pytorch)

- The Re-Enhance.AI project is a set of tools and algorithms that can be used to improve the quality of your Image for Space & **Research Purposes**.
- Even though the model accepts only images with (256x256x3) dimensions, this framework manages the higher dimensions by **Split and Send Policy**.

2. VIZDOOM

- Vizdoom is a **Reinforcement learning project** which trains the AI bot to play the Doom Game.
- I have trained the bot in Curriculum Learning way to play even difficulty levels.
- This repo includes the Game Environment and installation guide.

3. AI - CAPS (Streamlit, Text-speech-Text)

- This Project is to recognize the Voice (Speech - to - text)and then translate the voice to another 18 Languages using Streamlit
- This app allows you to:
    - record your voice/choose an audio file.
    - Visualize the embedding of the speaker
    - Synthesize speech based on the recorded voice
    - Text Translation

4. QA_Summerization (Huggingface,OpenAI)

- This is a QA and summarization Web App built on Streamlit that allows you to quickly and easily create a Paraphrasing and summarization of your QA data.
- The main features of the app are:
    - Paraphrasing
    - Summarization

5. Fmoke Detection (Opencv, Tensorflow, Keras)

- The Fmoke Detection project is a Fire & Smoke Classification using Deep Neural Networks.
- The Model is speedy and easy to predict the images.

6. Heart Attack Prediction (Scikit-learn, Pandas, numpy)

- The Heart Attack Prediction Project is developed to predict the Heart attack by taking data as input from users. it will generate output as Positive Or Negative.
- The Model Accuracy is 92% which is the Best Fit.

Blogs & Post

- **A Simple Language Detection Application**

- **Upsampling and Transposed Convolutions Layers**

- **Unsimply Model Decay**

- **In the Linear Regression**

- **In the Logistic Regression**

- **In the Decision Trees Part: 1**

- **In the Decision Trees Part: 2**

- **Actually, What is Ensembling Learning? -1**