

Surya Teja Menta

Data Scientist



Personal Information

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🌐 [Surya Teja Menta](#)

🌐 [Linked In](#)

🌐 [Portfolio](#)

Professional skills

- Data Science / AI
- Machine Learning & Deep Learning
- NLP & CV
- Python
- Statistics & Probability
- SQL
- Google DataStudio Framework
- Mathematics

Certificates & Courses

- [IBM Professional Data Scientist Certificate](#)
- Advanced Deep Learning course in Ineuron.AI
- Python & Web Development

Languages

- English
- Telugu (Mother Tongue)
- Hindi

Hobbies

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

Profile

I have 2+ years of hands-on experience in Data Science and **Industrial Experience** in **Data Analysis** and **Data Visualisation** as a Data Analyst. I have done projects in AI/ML and they are on [GitHub](#). I have **IBM Professional Data Scientist Certification**. I did my bachelor's in Computer Science & Engineering. I have a grip on **Scientific models, Mathematical Models, and Statistics**. I also write blogs on Medium, Substack, and Tealfeed on AI/ML.

Work Experience

• Data Analyst - Tudip Technologies

Oct 2020 - Present

I worked with Google via Tudip as a Data Analyst in **Google LX Project**, also called **Google Seismic**, a Content Management Platform that Google maintains for Sellers and Retailers. I used to create analytics dashboards and reports using **Google Datastudio** (An Analytical Tool from google) which are requested by the Clients and required for the platform.

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.

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 Summarization](#) (Streamlit, Huggingface)

- 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](#)
- [Linked Posts](#)
- [Twitter Tweets](#)