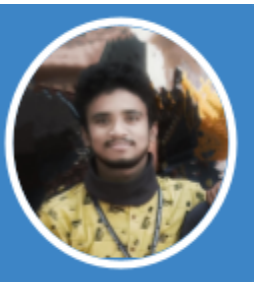
Surya Teja Menta

Data Scientist



Personal Information

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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, AWS Sagemaker, AWS S3, AWS Lambda

Libraries: Numpy, Pandas, Sklearn, Spacy, NLTK, Opencv,

Tools: GitHub, Git, Google DataStudio

Others: Statistics & Probability, Mathematics, Linear Algebra

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_Summerization (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