

SAMYA PUNTIKURA

D A T A S C I E N C E A S P I R A N T

CONTACT

☎ 8074761006
✉ puntikurasamya1431@gmail.com
📅 20-4-2000
📍 JNTU, Hyderabad

TECHNICAL SKILLS

- Deep Learning
- Machine Learning
- Python
- MySQL
- Data Visualization
- Web Scraping
- NLP
- OpenCV
- Data Analysis
- Statistical Analysis

EDUCATION

Data Science with Artificial Intelligence
Innomatics Research Labs
1/11/2022 - 1/10/2023

M.Sc Statistics
Osmania University
2020 - 2022
67%

B.Sc MES
University College for Women
2017 - 2020
86%

Board of Intermediate Education
Sri S.S Mahila junior College
2015 - 2017
92%

Board of Secondary Education
Z.P.H.S, Badguna
2014 - 2015
85%

LANGUAGES

- English
- Telugu

ABOUT ME

To seek a challenging position in an organization, where i can enhance my skills and be a value added resource to the organization.

PROJECTS

Convolutional Neural networks model

Indian currency Note Images 2020 from Kaggle Image Classification using Convolution Neuron Networks in this Project added 3 Convolution Layers and 3 MaxPooling Layers and also added Dropouts for model not getting overfit and Activation function is Relu in final layer i used Softmax Beacsuse model has 8 Classes. For Compilation here used Adam, categorical crossentropy and also used metrics Accuracy. After Building the model was get 80% Accuracy and 80% Val_accuracy.

Classification Machine Learning Model

Credit Score Prediction using Ensemble of Algorithms, Cross Validation, and Hyperparameter Tuning and Feature Engineering. Need to get business oriented data analysis and build a intelligent system to segregate the people into credit score brackets without to reduce the manual efforts required best model for prediction without any bias Machine learning, Ensemble Learning, Cross-Validation, Hyperparameter Tuning, Random Forest, SVM, Gradient Boosting, Logistic regression, python, scikit-learn, pandas, Numpy and handling imbalance data.

Computer Vision-Based Handwritten Alphabet Recognition Project

- Get 98% accuracy by using RandomForestClassifier Algorithm
- We use libraries like Pandas, Numpy, Matplotlib, Seaborn and ML Models
- Conclusion: In the task of recognizing handwritten alphabet RandomForestClassifier exhibited higher accuracy compared to other machine learning models, making it the optimal choice for this project.

Exploratory Data Exploration & Data Visualization: Examining Revenue Patterns of Prominent YouTube Channels

We use libraries like Pandas, Numpy, Matplotlib, Seaborn Conclusion: In terms of overall revenue generated by views, the music category emerges as the top revenue generator, followed by education and shows.

KEY SKILLS

- Problem Solving
- Communication Skills
- Project Management
- Strong Decision Maker
- Solution Focused

HOBBIES

- Listening Music
- Playing Badminton

SOCIAL PROFILE

linked in :

[linkedin.com/in/samya-puntikura](https://www.linkedin.com/in/samya-puntikura)

GIT-HUB LINK

<https://github.com/puntikurasamya/pythoncode>

CERTIFICATIONS

- Received Module completion Certificate on EDA from Innomatics Research Labs Certified by IBM and gained hands-on experience in data analysis, data visualization.
- Received Successfully Course Completion Certificate on Data Science Course by Innomatics Research Labs.
- Received Machine Learning with Python Certificate from IBM

PERSONAL DETAILS

- Father Name : Hanmandlu
- Mother Name: Bojamma
- Address. : 1-116/5, Ummeda, Nizamabad
- DOB : 20-april-2000
- Blood Group : AB+
- Nationality : India