Shreyas Puttaraju

MACHINE LEARNING ENGINEER | DATA SCIENTIST

Data science student experienced in data analysis, predictive modeling and machine learning. Intrigued by challenges in data science and seeking to leverage statistical techniques to address them. Passionate about data driven decision making, pattern recognition and predictive modeling. I am currently looking for an internship for the roles related to Data Scientist, Machine Learning Engineer.

Education

Master's in Data Science, (3.85 GPA)
DePaul University, Chicago,IL September 2021 - Current

Bachelor's in Computer Science and Engineering,
P.E.S.C.E, Mandya,India June 2020

Projects

NYC Real Estate Analysis March 2022
- In this project thorough data analysis was performed on the data set of every building sold in NYC for a period of 12 months.
- Various data analysis techniques such as clustering, cluster analysis, Random Forest classification data visualization were performed in this project.
- The final step was to build a recommendation model to suggest a property based on the specifications provided by the user.

Relevant Projects

Python Projects: Stem and Leaf Node Implementation, Dice and Cup Implementation, Human Pyramid Implementation.

Visual Analytics using Tableau: Developed dashboards, heat map to visually analyze customer geography, purchase pattern, distribution network and customer penetration for sales of an organization.

Mini Projects on SPSS: Developed various mini projects on SPSS such as Spotify data analysis, decision trees creation for iris and wine quality dataset.

Other Projects

Hand Gesture Recognition System and Home Automation for Blind, Deaf and Mute People August 2019 – June 2020
This project focused on providing smart home automation for the specially-abled by considering low cost IOT devices, which must be easy to use for all.

Certifications & Training

Deep Learning : Intro to TensorFlow

Data Science-Prof. Sang Won Yoon, Binghamton university, NY

Python for Data Visualization-LinkedIn

Modern Application Development- NPTEL

Contact

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Portfolio
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Skills

Data Analysis
Regression and Classification models, PCA, Factor and Cluster Analysis

Machine Learning
Data Mining, Knowledge Discovery, Supervised, Unsupervised learning, Support Vector Machines

Deep Learning
CNN, RNN, Tokenization and Embeddings, Time Series ForeCasting

Data Visualization
Tableau, matplotlib.

Tools/Packages
Tensorflow, Keras, SPSS, Numpy, Pandas

Languages
C++, Python, R

Co-curricular Activities

Organized Inter Department Sports Championship.

Organized DJ Night at the annual college fest "P.E.S.C.O".

Organized cultural events such as HOLI during bachelor's