PRANAV CHAUDHARI

Looking for career opportunities in Data Science, Machine Learning and AI domain. I would like to work in the organization that will give me a platform to utilize my education and professional skills.

CAREER SUMMARY

- Qualified with a **Bachelor of Technology** in **Computer Engineering**.

- Worked on various projects at college and university level, handled and analyzed large datasets using **statistics, python and machine learning**.

- Skilled in Data Analytics, Data Visualization, Data Management, Data interpretation, **Python, MySQL, Microsoft Excel and Machine Learning.**

PROJECTS

MACHINE LEARNING - Fraud App Detection and Comparison Between Competitor Apps

- The application developed using Python & Django uses the machine learning algorithms Decision Tree & Kmeans clustering to detect the fraudulent apps based on sentimental analysis and also compares the apps of the same category, sorting them according to ratings, also giving us the best and least rated app category wise.

- – Python, Django, Web Scraping, Natural Language Processing, Sentimental Analysis, Machine Learning, Decision Tree, K-means clustering

DATA ANALYSIS - EDA – PROJECT In E-Commerce Domain

- Performed Exploratory Data Analysis using Python on one year dataset of e-commerce company to get helpful insights like country wise highest no. of orders/money spent, highest sales/less sales on specific months etc.

- The dataset consists of transactional data with customers in different countries who make purchases from an online retail company based in the United Kingdom (UK).

- Transactions Period Data : From 1st Dec 2010 to 9th Dec 2011 (One year)

- – Python, Numpy, Pandas, Jupyter Notebook

MACHINE LEARNING - Diabetes Prediction using Pima Indians Diabetes Dataset

- Developed a machine learning model to predict the onset of diabetes using the Pima Indians Diabetes dataset from Kaggle.

- Conducted comprehensive data analysis, preprocessing, and feature engineering to improve model accuracy. Implemented various classification algorithms, including Logistic Regression, Random Forest, and Support Vector Machines (SVM), and optimized model performance.

- Visualized key insights and model performance metrics through Matplotlib and Seaborn.

- Improved model accuracy to 78% after optimization.

CONTACT

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TECHNICAL SKILLS

- **Programming Languages**: Python
- **Python libraries:** NumPy, Pandas, Matplotlib, Seaborn
- **Machine learning libraries:** Sci-kit Learn, TensorFlow, PyTorch, Keras, XGBoost
- **Deep Learning**
- **Natural Language Processing**
- **Generative AI**
- MySQL
- MS-Excel
- Data Analysis
- Data Visualization
- Data Interpretation
- Machine Learning
- Artificial Intelligence
- Web Scraping

EDUCATION

2019-2023
Computer Engineering – CGPA: 8.71
SVKM's Institute of Technology, Dhule

2019
H.S.C – 81.23%
M.K. Shinde Junior college, Kusumba

2017
S.S.C – 93%
M.K. Shinde Vidyalaya, Kusumba

- Identified key features contributing to diabetes prediction using feature importance techniques.
- – Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

WEB DEVELOPMENT - Dynamic Weather API App

- Created dynamic weather api app 'PCWeather' developed using node.js which uses the 'OpenWeather' API to fetch environmental data. User can check the environment conditions by searching his/her city name in the app.
- – Node.js, JavaScript, HTML, CSS

IOT - Smart Plant Monitoring System

- The IoT project developed using NodeMCU and Blynk IoT app for monitoring & watering the garden plants from remote locations by providing insights about Temperature, Humidity, and Soil Moisture on a web interface created using the Blynk IOT App.
- – Blynk IoT, Arduino, NodeMCU-ESP8266.

EXTRA CURRICULARS

- Division Chess Player & first year college committee event organizer member
- Successfully cleared the 4th-grade scholarship exam and received scholarship.
- Successfully attempted and cleared the Navodaya competitive exam and got selected for enrollment in Navodaya Vidyalaya in 5th-grade, an institution known for nurturing and developing the potential of talented students.

LANGUAGES

- English
- Hindi
- Marathi

INTEREST

- Playing Mobile & Video Games, and chess, cricket, football etc.
- Listening Hindi & Punjabi songs.
- Watching movies, web-series

CERTIFICATIONS

- Data Science Certified from Naresh IT, Hyderabad

DECLARATION

I do hereby declare that the above-mentioned information is correct to the best of my knowledge and I bear the responsibility for the correctness of these particulars.

Place: Pune   Yours Sincerely,
Date: Pranav Chaudhari