J PRIYANKA

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Education

Rungta College of Engineering and Technology Bhilai, India **2021 - 2024**

- Bachelor of Computer Applications| CGPA: **8.2**

MGM Senior Secondary School Bhilai, India **2008-2020**

- *CBSE (Class XII), Aggregate:*

Skills

- **Programming:** Python (Pandas, NumPy, Matplotlib, Seaborn), SQL, Excel,C,C++
- **Data Visualization:** Tableau, Power BI, Matplotlib, Seaborn
- **Machine Learning:** Scikit-Learn
- **Databases:** MySQL, SQLite
- **Big Data & Cloud:** Google BigQuery, AWS
- **Other Tools:** Git, Jupyter Notebook, Excel (Pivot Tables, VLOOKUP)
- **Web Development:** HTML, CSS, JavaScript, and frameworks like django and flask

Work Experience / Internship

Data Science Intern

iNeuron Intelligence Private Limited **July 2024 - Aug 2024**

- Built a **Credit Card Default Prediction** model using machine learning to predict default probability based on customer payment history.
- Conducted feature engineering, EDA, and model optimization for better accuracy.
- Used Python (Pandas, NumPy, Scikit-Learn) and SQL for data manipulation.

Data Science Intern

Unified Mentor **Aug 2024 - Oct 2024**

- *Analyzed and visualized sales trends in the **Pizza Sales Analysis** project using Python and SQL.*
- *Developed a **TCS Stock Prediction** model leveraging time-series forecasting techniques.*
- *Worked on **Daily Household Transactions** project to identify spending patterns and trends.*

Data Analyst Intern

Prodigy

- Performed **Sentiment Analysis on Social Media Data** to analyze public opinions on brands.
- Created dashboards and reports using Tableau for insights.
- Applied NLP techniques for text classification.

Projects

Ola Data Analytics project

The Ola Data Analytics project involved analyzing historical ride-sharing data to uncover patterns and optimize services. Using Python and data visualization tools, the project helped identify trends, customer preferences, and operational efficiencies for better decision-making in the business.

- Analyzed Ola ride-sharing data to gain insights into customer behavior, ride patterns, and service optimization.
- Utilized Python and libraries like Pandas and Matplotlib for data cleaning, analysis, and visualization.
- Created interactive dashboards and reports to visualize trends, peak hours, and performance metrics for business decision-making.

Fake News Detection

The Fake News Detection project aims to develop a model that identifies and classifies news articles as real or fake using machine learning and NLP techniques. The project involves text preprocessing, feature extraction, and training classifiers to ensure reliable predictions.

- Built a fake news detection system utilizing NLP techniques to analyze and classify news articles.
- Applied feature extraction methods such as TF-IDF and vectorization to transform text data for machine learning models.
- Achieved high accuracy in distinguishing between real and fake news using classifiers like Naive Bayes and Support Vector Machines.

Job Portal

The JobAura project is a Django-based job portal that enables users to search for jobs, apply for them, and manage their profiles. It includes features like user authentication, job posting, and an interactive dashboard for both job seekers and employers.

- Developed a job portal platform using Django to connect job seekers with employers.
- Integrated features like user authentication, job listings, search functionality, and application tracking.
- Designed a responsive and interactive user interface for seamless navigation and job application process.

Zomato Data Analysis

The Zomato Data Analysis project involved exploring a dataset of restaurant information to uncover patterns in pricing, customer ratings, and location-specific dining trends. By employing data analysis and visualization techniques, the project provided actionable insights into the food industry.

- Analyzed Zomato restaurant data to derive insights on pricing, ratings, and location-based trends.
- Utilized Python libraries such as Pandas and Matplotlib for data cleaning, analysis, and visualization.
- Identified key trends in customer preferences, popular cuisines, and regional dining habits.

Certification Courses

- Complete-machine-learning-nlp-bootcamp-mlops-deployment (Udeme)
- SQL Certification Course: Basic to Advance (Geekster)
- Data Science Course-Mastering the Fundamental (Scaler)

Extracurricular Activities

Participant, Smart India Hackathon 2023

Collaborated with a team to develop innovative solutions addressing real-world challenges, fostering a culture of product innovation and problem-solving.

Presenter, Shaastrarth International Conference 2024

Delivered a presentation on "Artificial Intelligence in the Automotive Industry" at the conference organized by the Santosh Rungta Group of Institutions, engaging with academicians, industrialists, and researchers to discuss global technological issues.