Ankita Chaudhari

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🪪 PROFILE

I am a highly motivated and meticulous data professional with extensive experience in data analysis, and ML/DL model development. I have a deep understanding of business requirements and excel in building robust data pipelines and extracting vital insights. My expertise in data visualization and preprocessing further strengthens my abilities, making me an exceptional candidate for **data analyst and data scientist** roles. I have a proven track record of delivering high-quality results and I am confident in my ability to drive impactful solutions and contribute to your organization's success.

🎨 SKILLS

Programming Languages and Databases (Python, SQL, MongoDB)

Technical Skills (Statistics, Statistical Analysis, Predictive Modelling, Data Visualization, Data Manipulation, Data Mining, Data Cleaning, Exploratory Data Analysis, Python Scripting, Machine Learning, Deep Learning, Natural Language Processing)

Libraries (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, SciPy, Keras, TensorFlow)

Cloud (Amazon Web Service)

Tools (Git, GitHub Actions, CI/CD, Postman, Tableau, Power BI, Power Query, DAX, Extract, Transform,Load(ETL), Excel)

Web Frameworks (Flask) | **Operating Systems** (Windows, Linux)

Soft Skills (Communication skills, Adaptability, Problem Solving skills, Analytical Skills, Critical Thinking, Leadership Skills, Time Management)

💼 PROFESSIONAL EXPERIENCE

Data Scientist Intern, *iNeuron Intelligence Pvt Ltd.*

Mushroom classification   **Nov-2022 to Mar-2023**
- Developed machine learning model for mushroom classification using algorithms like Logistic regression, SVM, decision trees, random forests, and KNN
- Data preprocessing, Categorical encoding was done to clean data
- Created a user-friendly API using Flask to enable real-time mushroom classification

Swiggy Analaysis Bangalore outlet   **Aug-20222 to Apr-2023**
- Developed Power BI interactive dashboard for Swiggy to track performance metrics and key indicators.
- Created visually appealing data visualizations to present complex data in an easily understandable format.
- Implemented interactive filters and slicers for dynamic data exploration
- Presented analysis findings and insights using Power BI's storytelling capabilities

Assistant Professor(Mathematics),Government Polytechnic, Pune   **Jun-2019 to Jun-2022**

Assistant Professor(Mathematics) ,College of Military Engineering, Pune   **Apr-2018 to Mar-2019**

📁 PROJECTS

Google Play Store Apps Analysis
- Performed an extensive analysis of the Google Play Store dataset, investigating the different facts of the app market.
- Used Python to preprocess, clean, and explore the data, including data cleaning and formatting and data exploration
- Identified key trends and insights from the data, such as the most popular app categories, the average rating of apps, the number of reviews per app, and the download trends over time
- Communicated the findings and trends of the analysis using data visualization techniques

HR Analytics Interactive Dashboard
- Used Power BI to analyze HR Analytics data related to employee attrition rates.
- Created visually appealing dashboard to monitor key HR metrics
- Implemented dynamic filters on enhanced user interactivity

APS Sensor Fault Detection
- Implemented ADAS Failure Detection for Heavy-Duty Vehicles.
- Reduced Maintenance Expenses and Improved Efficiency.
- Developed Scalable System with Relevant Technologies and Cloud Services.
- XGBoost Classifier model used in the system outperformed other models, achieving an accuracy of 99.6% at a cost of 2950.

🎓 EDUCATION

Master's Degree, Mathematics, *University of Pune*
Percentage:60.60%

2016
Pune, India

Bachelor's Degree, Mathematics, K.T.H.M College ,Nashik
Percentage:73.58%

2014
Pune, India

HSC, K.T.H.M College ,Nashik
Percentage:61.33%

2011
Nashik, India

SSC, Nashik Board
Percentage:70.76%

2009
Nashik, India

🗂 CERTIFICATIONS

Full Stack Data Science (iNeuron.ai)

Python Programmer(Kaggle)

🌐 LANGUAGES

English, Marathi, Hindi