Ritesh Bankar

Data Scientist

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PROFILE SUMMARY

Data Scientist with strong analytical and technical skills in Python, SQL, and advanced analytics tools. Experienced in applying machine learning techniques and statistical modeling to uncover actionable insights from complex data sets. Adapt at data cleaning, feature engineering, and visualization, with a proven track record of driving data-driven decision-making and business impact.

RESEARCH PUBLICATIONS

"Unmanned Ground Vehicle: Design and Development Approaches",in 2024 International Conference on Intelligent Systems and Advanced Applications (ICISAA).LINK

TECHNICAL SKILLS

- **Languages:** Python, SQL.
- **Machine Learning:** Supervised Learning, Unsupervised Learning Algorithms.
- **Artificial Intelligence:** Basic AI concepts, Neural Networks (Learning), NLP (Learning).
- **Libraries:** Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn.
- **Database:** SQL Server, MySQL.
- **Tools:** GitHub, Jupyter Notebook.

PROJECTS

1. Brain-Stroke Prediction | [Python,Machine Learning]

- Developed a predictive model to assess the likelihood of a brain stroke based on clinical and demographic data.
- Improved data reliability, measured by missing value imputation and outlier detection, by applying data preprocessing techniques.
- Achieved an accuracy of 98% using Random Forest.

2.Disease Identification EDA | [Python,Pandas, NumPy, Matplotlib, Seaborn]

- Identified key disease patterns, measured by correlation analysis, by performing Exploratory Data Analysis (EDA) on structured and unstructured data.
- Improved data reliability, measured by missing value imputation and outlier detection, by applying data preprocessing techniques.
- Enhanced data interpretability, measured by a 50% increase in visualization clarity, by using Seaborn, Matplotlib, and Pandas for data analysis.

3. Predicting Delivery Delays | [Python,Machine Learning]

- Developed a predictive model to assess the likelihood of delivery delays based on historical sales and logistics data.
- Improved data reliability, measured by missing value imputation and outlier detection, by applying data preprocessing techniques.
- Achieved an accuracy of 96% using Random Forest for delay prediction.

CERTIFICATIONS

- Advance Excel,SQL,Power BI,Python,Machine Learning -**IT Vedant Education Pvt**
- Machine Learning,Data Analysis,Python for DS -**IBM**

EDUCATION

Professional Course: ITVedant Education Pvt, Pune **2024-2025**
Data Analysis and Data Science with AI

Dr. D.Y.Patil Institute of Technology, Pune **2020-2024**
*B.E - Automation And Robotics - **CGPA** - **8.52***