

PARV KAUL

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PROFESSIONAL SUMMARY

I am passionate about uncovering insights from data and using them to drive strategic decision-making. I hold a B.E degree in Information Technology from IET DAVV and possess strong proficiency in Power BI, Microsoft SQL Server Management Studio, Python, SQL queries, and statistical analysis. I am committed to continuous learning and professional growth, aiming to become a key contributor in a dynamic and data-driven environment. My goal is to leverage my analytical skills to solve complex problems, optimize processes, and contribute to the success of the organization I work for.

SKILLS

- **Languages:** Python, SQL, JAVA
- **Frameworks:** Pandas, Numpy, Scikit-Learn, Matplotlib
- **Tools:** Power BI, Excel, PowerPoint, Tableau, MySQL
- **Platforms:** PyCharm, Jupyter Notebook, Visual Studio Code, IntelliJ IDEA
- **Soft Skills:** Rapport Building, Strong Stakeholder management, People management, Excellent communication

EDUCATION

Bachelor of Engineering Degree in Information Technology

Oct 2020 – June 2024

Institute of Engineering and Technology, IET DAVV

Indore, India

Class 12th – CBSE

July 2019 – Apr 2020

Chameli Devi Public School

Indore, India

PROJECTS

Heart Disease Prediction [Link](#) [Python | Pandas | Numpy | Logistic regression | Sklearn] December 23- February 2024

- Orchestrated the **development of a logit model** to predict heart disease, achieving an impressive **accuracy rate of 91%** and surpassing industry benchmarks.
- Spearheaded the implementation of HIPAA-compliant data encryption protocols across all healthcare solution, decreasing data breach incidents by 40% and ensuring patient privacy and security.
- Enhanced healthcare outcomes by 26% through accurate prediction of heart disease, positively impacting patient well-being.

Loan Prediction System [Link](#) [Pandas | Numpy | Matplotlib | Sklearn | Seaborn] September 23- October 2023

- Achieved a **73% accuracy** rate in predicting Loan status by developing and deploying a machine learning model.
- Cleaned and transformed datasets using Pandas, addressing 1500 missing values and normalizing 200 outliers, resulting in a 30% increase in data accuracy for subsequent analysis and reporting.
- Demonstrated commitment to ethical data practices while contributing to the development of **data-driven** banking solutions.

Laptop Pricing – Machine Learning [Link](#) [Matplotlib | Numpy | Pandas | Scikit-learn] July 23- August 2023

- Data Analysis, training **Machine Learning** models, and Model Evaluation and Refinement for LaptopPricing dataset.
- This project contains the analysis and machine learning model implementation for the laptop-pricing dataset. The goal is to predict various price of laptops having various attributes using different machine learning techniques.

CERTIFICATES

Data Analyst Course by 365 Careers – Udemy

- Learned about the data ecosystem, including the ETL process and big data basics.
- Mastered data gathering, identification and cleaning for analysis preparation.

Learn Python Programming Masterclass by Tim Buchalka – Udemy

- Mastered fundamental Python Syntax, proficiently utilizing control flow, loops, functions and data structures.
- Acquired expertise in procedural programming paradigms and associated logical concepts, enhancing capabilities.

Accenture North America Data Analytics and Visualization Job Simulation – Forage

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture.
- Cleaned, modelled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions