Paras Kishor Sonawane

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LinkedIn | GitHub | Portfolio

EDUCATION

- **Bachelor of Engineering in Artificial Intelligence and Data Science, Nashik.** 2024 (83.13)
- **HSC Examination at Z P Kakani Jr. College, Malegaon**. 2020 (69.23)
- **SSC Examination at Z P Kakani Vidyalaya, Malegaon.** 2018(89.00)

SKILLS SUMMARY

- **Languages:** Python, SQL, C, C++, Django.
- **Frameworks:** Pandas, NumPy, Matplotlib, Scikit-learn.
- **Tools:** Power BI, Tableau, Excel, Power Point, MySQL
- **Platforms:** Jupyter Notebook, PyCharm, Visual Studio Code.
- **Soft Skills:** Rapport Building, Strong Stakeholder Management, People Management, Excellent Communication.

WORK EXPERIENCE

Data Analyst Intern at Sunanda infotech Pvt Ltd ,Nashik | LINK Jan 2023-Apr 2023

- Streamlined data collection and Morting procedures, and Creating dashboards.
- Developed automation solutions that enhanced productivity by 15%.
- Collaborated with over three cross-functional teams to gather requirements and align project scopes with business goals, fostering teamwork and project success.
- Delivered 15+ detailed reports and presentations that clarified findings and recommendations, enabling effective communication with stakeholders.

PROJECTS

Home Price Prediction & Analysis| LINK Jan 2024–Feb 2024

- Conducted data exploration and preprocessing, including handling missing values and creating dummy variables for categorical features.
- Developed a linear regression model to predict home prices based on key features, achieving high accuracy.
- Evaluated model performance using metrics such as Mean Squared Error (MSE), Mean Absolute Error (MAE), and R^2 score.
- Implemented Ridge and Lasso regression techniques to address overfitting, optimizing model performance.

Airline Customer Satisfaction | LINK Feb 2024–Mar 2024

- Analysed a dataset of 10,000+ passenger records, including demographics and travel details, to predict customer satisfaction levels.
- Conducted data exploration and preprocessing, handling 1,000+ missing values, renaming columns, and labelling satisfaction levels into three categories.
- Visualized customer satisfaction distributions, revealing that 75% of customers were satisfied.
- Developed a decision tree model achieving 85% accuracy and evaluated performance with precision (0.82) and recall (0.78).

Clustering Cancer Analysis| LINK Mar 2024–Apr 2024

- Analysed a dataset of 570 cancer samples with features like radius mean, texture mean, and perimeter mean.
- Conducted data preprocessing, handling null values and scaling selected features.
- Applied K-Mean clustering, optimizing cluster numbers from 1 to 10, achieving a silhouette score of 0.75.
- Evaluated model performance through Within-Cluster Sum of Squares (WCSS) analysis to determine optimal clusters.

CERTIFICATES

Python For Data Science (IBM)| LINK Jun 2024–Aug 2024

- Mastered fundamental Python syntax, proficiently utilizing control flow, loops, functions, and data structures.
- Mastered data gathering, identification, and cleaning for analysis preparation.

Introduction of Machine Learning (NPTEL) | LINK Jul 2023–Sep 2023

- Grasp the fundamental principles of machine learning, including supervised and unsupervised learning.
- Familiarity with key algorithms, such as linear regression, decision trees, clustering, and neural networks.
- Ability to clean, transform, and prepare data for analysis, including handling missing values and feature scaling.