

PP MUHAMMED RISHAD

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OBJECTIVE

Driven recent BA graduate with a PG Diploma in Data Science and Analytics, possessing a solid foundation in statistical analysis, machine learning, and data mining. Proficient in Python, R, SQL, and Tableau, with practical experience from academic projects and internships in data handling and analysis. Demonstrates excellent communication and problem-solving abilities, aiming to apply analytical skills in a data science role to contribute to organizational success.

EDUCATION

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| Data Science and Artificial Intelligence, Westberg International | 2023 - 2024. |
| Bachelor of Arts in Mass Communication and Journalism, Calicut University | 2020 - 2023 |

SKILLS

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|--------------------------------|-------------------------------------------|
| Languages : | Python, SQL, HTML, CSS HTML, CSS |
| Data Analysis Tools : | Pandas, NumPy |
| Machine Learning : | Scikit-learn, TensorFlow, PyTorch |
| Database Management : | MySQL |
| Big Data Technologies : | Hadoop, Spark |
| Data Visualization : | Matplotlib, Seaborn,Tableau,Power BI |
| Dev Tools : | Visual Studio Code, Git, Gitlab |
| Soft Skills : | Communication, Team Work, Problem Solving |

EXPERIENCE

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|----------------------------------------------|----------------------|
| Machine Learning CodeSoft Infotech | 2023 <i>India</i> |
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- Developed and optimized machine learning models using Python and libraries such as Scikit-learn and Tensor-Flow, demonstrating proficiency in applying theoretical knowledge to practical scenarios.
- Excelled in data Preprocessing, feature engineering, and model evaluation techniques, significantly enhancing model performance and accuracy.

PROJECTS

- Machine Learnings :

Game Recommendation System : Text-based recommendation using difflib for Game Names and descriptions Cosine similarity calculations for content-based recommendations User-based and item-based collaborative filtering Dataset preprocessing and cleaning Evaluation metrics (e.g., Mean Squared Error) for assessing model performance. ([Try it here](#))

Car-Resale-Value-Prediction : Predict car resale values with advanced machine learning models. Analyze key factors influencing resale prices. User-friendly interface for easy predictions. Contribute to enhance accuracy and features. Clone, run, and input car details to get instant predictions. ([Try it here](#))

- Deep learning projects :

Pong Game using Hand Gestures : Crafting a Pong Game using Hand Gestures using the cvzone library showcases my proficiency in computer vision and programming skills. This project involves leveraging the cvzone library to create a dynamic Pong game that responds to hand gestures, demonstrating my ability to work with computer vision tools and integrate them into interactive applications.

Eye Blink Counter : Eye Blink Counter using the cvzone library. This project involved real-time tracking of eye movements and blink detection, contributing to enhanced user interaction and attention monitoring. The utilization of the cvzone library allowed for efficient implementation and seamless integration of advanced computer vision functionalities. ([Try it here](#))

- Data Visualization Projects :

Tableau Amazon Prime Dashboard: Developed intuitive data visualization dashboard showcasing global Prime Video content library metrics and trends. This concisely captures the core deliverable of creating a dashboard to provide insightful visualizations and analytics around Amazon's video streaming content offering across different dimensions like geography, genres, ratings etc. Let me know if you need any modifications to this ultra-condensed description.

Power BI Ecommerce Dashboard : In this project, I analyzed sales data from a major ecommerce platform, focusing on calculating essential metrics and identifying top-performing markets. I conducted market segmentation to uncover profitable niches and sales patterns, which allowed me to provide actionable recommendations for marketing strategies and sales initiatives. To effectively communicate my findings, I created a user-friendly and informative dashboard.

CERTIFICATES

- DataAnalysis with Python by freeCodeCamp ([Try it here](#))
- Introduction to Data Analytics by Simplilearn ([Try it here](#))
- IBM PYO101EN: Python 101 for data Science ([Try it here](#))
- Python Intermediate by Sololearn ([Try it here](#))
- Python for Machine Learning By Great Learning Academy
- IBM PYO101EN: Python 101 for data Science ([Try it here](#))
- SQL by HackerRank ([Try it here](#))