Shameena Mol R
DATA SCIENTIST

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https://github.com/ShameenamolArshad **GitHub**

👤 Summary

Experienced Data Analyst with over 3+ years of expertise in utilizing Python, SQL, Tableau, Power BI, R Programming and Machine Learning to derive actionable insights. Accomplished a Data Science diploma and proficient in applying advanced analytical techniques for informed decision-making. Committed to continuous learning, staying updated with cutting-edge technologies, and delivering innovative solutions to solve complex business problems.

📁 Projects

Telephone Company Customer Churn Prediction
- Delivered 79.91% accuracy in Telephone Company Churn Prediction using advanced analytics and SVM model.

Technology: Python and Support Vector Machine(SVM) algorithm.

Airline Delay Prediction
- Built an Airline Delay Prediction model using Random Forest, achieving a 69.89% accuracy rate.

Technology: Python and Random Forest Algorithm.

Mall Customer Segmentation
- Delivered valuable insights and concluded that specific marketing strategies should be tailored based on different customer segment identified.

Technology: Python and K-means clustering Techniques.

Comparative Analysis of Clustering Algorithms
- Concluded that DBSCAN demonstrated superior effectiveness compared to K-means and Hierarchical clustering algorithms in the Comparative Analysis of Clustering Algorithms project.

Technology: Python, K-means Algorithms, DBSCAN, and Hierarchical Clustering Algorithms.

Credit Card Fraud Detection
- Utilized machine learning algorithms and anomaly detection to effectively detect and prevent fraudulent transactions in the implementation of a Credit Card Fraud Detection System.

Technology: R programming, Machine Learning Algorithm, and Anomaly Detection Techniques.

🎓 Education

- ❖ **Diploma in Data Science and Machine Learning (2023)**
- ❖ **Bachelor of Electronics and Communication Engineering (2014)**

👥 Interest/Curiosity

Machine Learning, Data Scientist, Natural Language Processing, Big Data Engineer

🚀 Skills

Development Languages & Tools:
- Python
- RStudio
- SQL
- Jupiter Notebook

Visualization Tools:
- Tableau
- Power BI
- Plotly
- Matplotlib
- Seaborn

Machine Learning and Deep Learning Packages/ Algorithms
- Numpy
- Pandas
- Scipy
- PyTorch
- Sk-Learn
- Tensorflow
- NLP
- Linear Regression
- Logistic Regression
- Random Forest
- Decision Tree
- K-means
- SVM
- Naive Bayes

💼 Experience

Data Analyst

Corporate360   *2019-2021*

- Collecting, analysing, and interpreting data to uncover insights and support decision making.
- Collaborating with stakeholders and ensure data accuracy and quality Developing and maintaining data system and model. Staying informed about industry trends and best practices.
- Communicating data-driven insights to stakeholders and providing actionable recommendations to guide decision-making.

Data Research Analyst

Grand Square UAE   *2016-2019*

IT Recruitment Consultant

Thirdwave HR Networks   *2015-2016*

👑 Achievements and Accolades

- Received the 2nd prize during college for the **"Train Collision and Detection System"** project, which utilized sensor technology to achieve effective detection and prevention.
- Attended workshop on Android Development.