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| **RESHMA SURESH** | | | |
|  | | | **Junior Data Scientist and Upcoming Software Engineer** |
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| |  |  | | --- | --- | | **Contact** | | |  | | | +91 8547263733 |  | | reshmasuresh622@gmail.com  https://www.linkedin.com/in/reshma-suresh-2268bb231/ |  | | Alappuzha, Kayamkulam |  | | **Education** | | |  | | | **(2021)**  **Bishop Moore College, Mavelikara**  **Kerala University**  B.A Economics  CGPA: 62.4% | | | **Key Skills** | | |  | | | Decision Tree, Random Forest, KNN  Python basics  R - Programming  Tableau  MySQL and MongoDB  Clustering Algorithms  Seaborn and Matplotlib  Pandas and NumPy  HTML, CSS, JavaScript  **Tools** | | |  | | | Python IDL  R studio  Jupyter Notebook  Visual Studio Code | | | **Internship** | | |  | | | Duration: 6 months Domain: Data Science Designation: Data Science Intern  TESRO, Trivandrum | | |  | |  | | --- | | **Profile** | |  | | To obtain a challenging position in a dynamic organization where I can utilize my skills in Python programming, Data Science, Machine Learning, and Visualization to contribute to the growth and success of the organization | | **Professional Skills** | |  | | * Good knowledge in Python and R programming * Knowledge in Mathematical computing with python (NumPy) * Knowledge in Pandas * Strong knowledge of data science concepts, including statistical analysis, data mining, and data visualization using tools such as Matplotlib and Seaborn * Experience in building machine learning models using techniques such as regression, classification, and clustering, using libraries such as Scikit-learn and TensorFlow * Proficient in data visualization using tools such as Tableau * Knowledge and experience in working with databases like MongoDB, MYSQL * Familiar in tools like R studio, Jupyter Notebook, Google Collab,Visual Studio Code * Familiar in GitHub and Kaggle | | **Projects Handled** |   **Taxi Fare Prediction**  I developed a predictive model to estimate New York City taxi fares using historical trip data, including features like pickup/drop-off locations, passenger count, and weather conditions. By applying machine learning techniques such as Linear Regression, Decision Trees, and Support Vector Machines (SVM), I built accurate models and improved performance through data preprocessing, feature engineering, and hyperparameter tuning. I used Python, pandas, scikit-learn, and matplotlib to analyse, visualize, and evaluate the data, demonstrating skills in model development and problem-solving.  **Rainfall Prediction in India**  I developed a machine learning model to predict rainfall in India using historical weather data across various states. By applying regression techniques and focusing on annual rainfall as the target, I utilized data preprocessing, feature engineering, and models like Linear Regression and SVR. Tools such as Python, pandas, scikit-learn, and matplotlib were used for analysis, model development, and visualization, demonstrating my ability to handle complex datasets and make accurate environmental predictions. | |