Bala Murugan

https://www.linkedin.com/in/bala-murugan-be/
Balamurugan.BE@outlook.com
Nagercoil, Tamil Nadu
www.trgan.com
+916383533290

SUMMARY

Detail-oriented analyst with 3.5 years of experience in software testing and automation, transitioning into Data Science. Skilled in data analytics, statistical modeling, and machine learning to extract meaningful insights and drive strategic decisions. Adept at leveraging mathematical concepts to derive data-driven insights and support decision-making processes.

WORK EXPERIENCE

QUALITY ASSURANCE ANALYST/ TCS
APRIL 2022 – MAY 2023

Optimized regression suites, reducing execution time by 80%. Collaborated with analysts and developers. Created test suites, and conducted automated testing

AUTOMATION ENGINEER/YOHO TECHNOLOGIES
AUGUST 2019-FEBRUARY 2022

Experienced in STLC (Software Testing Life Cycle) and maintenance of E-commerce applications, conducting functional, regression, and user acceptance testing

EDUCATION

BE / ANNA UNIVERSITY
MAY 2019

CERTIFICATION

IBM DATA SCIENCE PROFESSIONAL CERTIFICATION

Gained proficiency in data analysis, data visualization machine learning techniques using with practical experience

SKILLS

- Python
- SQL
- Java
- Pandas
- NumPy
- Selenium
- MySQL
- Excel
- Power BI
- Matplotlib
- Seaborn
- Selenium
- Sci-kit Learn
- TensorFlow
- Machine Learning
- Data Preprocessing

PROJECTS

SpaceX Falcon 9 First Stage Landing Prediction
Objective: Created a machine learning pipeline to predict the success of Falcon 9 first stage landing.
Impact: This prediction helps in determining the cost efficiency of launches, providing valuable data for competitive bids against SpaceX.
Technologies Used: Python, Scikit-learn, Logistic Regression, Classification Models
Link: *https://github.com/bala-murugan-be/SpaceX-Falcon-9-Landing-Prediction*