

SIVA SETHU PRASATH M

Data Analyst || Software Tester

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 [SIVA SETHU PRASATH M](#)  [Siva-M2001](#)

Summary

Highly motivated and detail-oriented fresher with a strong data analysis and software testing foundation. Proficient in statistical analysis, data visualization, and data mining using tools like SQL, Python, and Excel. Experienced in developing and executing test cases, identifying bugs, and ensuring software quality. Adept at collaborating with cross-functional teams to deliver data-driven insights and improve software performance. Eager to leverage analytical and problem-solving skills to support data-driven decision-making and enhance software reliability.

Projects

Employee Performance Prediction Using Machine Learning Jan 2024 - May 2024

- I developed a machine learning model using Python and Matplot to predict employee performance based on the INX Future Inc dataset and key performance indicators (KPIs).
- Cleaned and preprocessed INX data, including employee demographics, job roles, and performance metrics, ensuring data quality and consistency.
- Implemented various machine learning algorithms (Random Forest, SVM, ANN [MLP Classifier]) to train and evaluate models, achieving a predictive accuracy of 86%.

 <https://github.com/Siva-M2001/Employee-performance-prediction-using-machine-learning>

Experience

CodSoft IT Service AI - Internship 1 Month

- Applied data science techniques to analyze and interpret large datasets, contributing to business intelligence and decision-making processes.
- Developed predictive models using machine learning algorithms such as linear regression, decision trees, and neural networks to solve real-world problems.
- Conducted exploratory data analysis (EDA) to discover trends, patterns, and correlations, providing valuable insights to optimize operational efficiency.

Education

Vel Tech University, Avadi, Chennai
Data Analytics
7.6
Master of Science
2022-2024

Sadakathullah Appa Collage, Tirunelveli
Information Technology
8.2
Bachelor of Science
2019-2022

Skills

Languages Python, Java, R (Basic)	Data Visualization PowerBI, Tableau	Algorithms Machine Learning, Deep Learning	Analytical Skill Data Analysis, Statistical Analysis
Tools Excel, MS Office, SQL, MongoDB, Eclipse	Front-End HTML 5, CSS 3, Java Script	Back-End MySQL, MangoDB	Testing Manual Testing & Automation Testing (Selenium)
Frameworks Numpy, Pandas, Seaborn, Matplotlib, TensorFlow, PyTorch	Hard Skills Database Management, Data Collection, Data Cleaning, Data Quality, Analysis Tools, Dashboards	Soft Skills Communicate, Management, Collaboration, Presentation, Documentation, Reports, Environment, Team	Software Testing Selenium & Core Java

Certifications

Certified Software Tester
Besant Technologies - OMR, Chennai
July 2024

IBM AI Engineer
Coursera & IBM
Aug 2024
 [Linkedin](#)

AI - Internship
CodSoft IT Service
July 2024

Data Analysis with Python
freecodecamp
July 2024
 [freecodecamp](#)

ICRASET - 2024 6th International Conference
Arjun Collage of Engineering
May 2024