Kavya D
DATA SCIENTIST

Accomplished data science enthusiast with a proven ability to deliver impactful data-driven solutions. Proficient in Power BI, SQL, Python, and machine learning, with hands-on experience in developing solutions to real-world problems. Recognized for outstanding contributions to clients, people, and organization with "**On the Spot**" and "**The Extra Mile Award**." Seeking a data scientist role to utilize skills and drive growth through data.

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kavya2099.github.io/Portfolio/

github.com/Kavya2099

WORK EXPERIENCE

Test Automation Engineering Analyst
Accenture

01/2021 - Present
Worked in Air Cargo Reservation and Capacity Application upgrade from v6.0 to v8.1 which went live in May 2022

Tasks/Achievements

- Employed analytical skills and collaborated with Developers and Business Analysts to detect patterns and trends in software defect data, providing valuable insights to enhance software quality and performance that reduced testing time by 20% and improved defect detection rate by 15%.
- Contributed to the development of a testing strategy that included the use of data analysis techniques to identify high-risk areas of the software and prioritize testing efforts accordingly.
- Identified and documented defects and reported them to the development team, providing detailed information on the issues found, including steps to reproduce and expected results using agile project management tool Jira.
- Conducted regression testing to ensure software changes did not negatively impact existing functionality and to ensure that software continue to perform as expected over time.
- Received "**On the Spot**" award for exceptional contribution in Accenture for FY21 H2 and "**The Extra Mile Award**" in Offshore - Team Category for outstanding contribution to Clients, People, and Organization.

Data Science Intern
LetsGrowMore

01/2023 - 02/2023
Worked as a Data Science Intern and completed tasks assigned within the intern period.

Achievements/Tasks

- Worked on beginner friendly projects and Implemented Python-based Image to Pencil Sketch project using OpenCV and developed a Neural Network for handwriting recognition.

EDUCATION

Bachelor's Degree in Electrical and Electronics Engineering
Sri Venkateswara College of Engineering

2016 - 2020   *Sriperumbudur, CGPA- 9.43*

SKILLS

`Python` `EDA` `SQL` `Machine Learning` `Power BI`

PERSONAL PROJECTS

Investigating Online Payment Transactions for Fraud Detection
- Conducted exploratory data analysis using Python to detect online payment fraud, identifying 8213 fraudulent transactions (0.13% of 6lakh) and deriving valuable insights

Mobile Market Analysis & Prediction on Pre-owned Phones
- Created a regression model to predict phone and tablet prices, employing MSE and R2 score for evaluation and optimizing profits through data-driven insights, enhancing company profitability

Predictive Analysis and Risk Assessment for Heart Attacks
- Developed classification algorithms to predict the likelihood of heart attack, providing healthcare providers with a competitive edge in improving patient outcomes, reducing costs, and enhancing patient engagement

Atliq Technologies Sales Insights
- Designed sales insights BI Dashboard to tackle declining sales and provide regional managers with valuable reports, enhancing business performance understanding

CERTIFICATES

Microsoft Certified: Power BI Data Analyst Associate (PL-300) (04/2023 - 04/2024)

LANGUAGES

English
Full Professional Proficiency

Tamil
Native or Bilingual Proficiency

INTERESTS

`Drawings and paintings` `Reading Comics` `Calligraphy` `Digital drawings` `Blogging`