SURIYAPRAKASH A
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PROFESSIONAL SUMMARY

Detail-oriented professional with a proven ability to deliver high-quality data for diverse projects within tight deadlines. Skilled in designing quality assurance processes, optimizing workflows, and quickly adapting to new project requirements. Experienced in interpreting customer feedback, driving satisfaction initiatives, and fostering team collaboration with a solution-oriented approach. Possesses strong communication, analytical, and problem-solving skills, ensuring efficient task execution and seamless coordination.

EDUCATION QUALIFICATION

M.A.M School of Engineering   **NOV 2020 - JUL 2024**
Bachelor of Engineering | Computer Science and Engineering | CGPA : 7.86   Trichy, Tamil Nadu.

INTERNSHIP EXPERIENCE

The Sparks Foundation - **Data Science & Analytics Intern**   August 2024 - September 2024

- Performed **data variance analysis** to identify patterns, uncover trends, and generate actionable insights that informed decision-making and improved business strategies.
- Applied Advanced data cleaning and data normalization techniques to maintain data integrity and optimize data retrieval process.
- Utilized tools such as Python, Pandas, and NumPy for data cleaning and analysis, and Excel, Power BI, and Matplotlib for data visualization, ensuring the accuracy and integrity of the models.
- Conducted EDA analysis and designed customizable dashboards using Power BI.

PROJECTS

Student Score Prediction Model | ⌨GitHub link   August 2024

- Developed a machine learning model using **linear regression** to predict student scores based on study hours, achieving 98% prediction accuracy
- Collected, pre-processed, and cleaned the dataset using **Python libraries** like **Pandas** and **NumPy** to ensure high data quality.
- Applied **data visualization techniques** in **Jupyter Notebook** to explore the relationship between study hours and scores.
- Trained and evaluated the model to provide actionable insights into student performance prediction

Exploratory Data Analysis on Global Terrorism Dataset | ⌨GitHub Link   September 2024

- Conducted EDA using **Excel** and **Power BI** to identify terrorism hot zones, trends, and security issues.
- Built interactive dashboards to visualize patterns in attack types, affected regions, and casualties,
- providing actionable insights to support security planning and resource allocation.
- Utilized **ChatGPT** to achieve a 50% reduction in processing time, saving 2 hours and significantly improving project efficiency.

TECHNICAL SKILLS

- **Analytical Tools** : Excel , Power BI , Power Query, Tableau
- **Programming Language** : Python , SQL
- **Technologies / Framework** : GitHub, Kaggle , Pandas , NumPy.
- **AI Tools** : ChatGPT , Copilot

CERTIFICATION

- Accenture North America : Data Analytics And Visualization View Credentials
- Infosys : Python for Data Science View Credentials
- NoviTech R&D Pvt.Ltd : Data Analytics Master Class View Credentials