MAHENDRA AARUMALLA

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Data Analyst with extensive experience in SQL and data visualization tools such as Tableau and Excel. Proficient in graphical data representation and adept at creating websites, I excel in analyzing complex datasets, developing impactful visualizations, and preparing detailed reports. My expertise in crafting compelling data stories drives organizational success and fosters community and economic development. Known for a commitment to integrity, confidentiality, and teamwork, I consistently deliver actionable insights that support strategic decision-making.

PROFESSIONAL EXPERIENCE

Data Analyst, *Kena Solutions | May 2024 - Present*
- Analyzed complex datasets from multiple non-profit organizations to identify actionable trends and insights, which contributed to the formulation and enhancement of community development programs.
- Developed and deployed interactive dashboards and visualizations using advanced tools to effectively present key findings, thereby facilitating informed, data-driven decision-making.
- Conducted comprehensive statistical analyses to support strategic decision-making processes and improve operational efficiency through evidence-based recommendations.
- Prepared detailed and technically accurate reports that summarize key insights and propose strategic recommendations, ensuring clear communication of findings.
- Managed and analyzed large-scale datasets using databases like Oracle and tools such as Tableau, applying SQL and optimization techniques to create compelling success stories and data narratives for stakeholder presentations.

Data Analyst, *Appwrk IT Solutions | Aug 2020 - Aug 2022*
- Led a team of 15 interns through a full-stack development program, providing training in HTML, CSS, JavaScript and SQL.
- Conducted advanced data analysis and developed predictive models, improving business decision-making processes.
- Created and deployed interactive dashboards and reports using Tableau and Excel, effectively communicating insights to stakeholders.
- Designed and optimized data architectures and ETL pipelines, utilizing Python and SQL for data integration and processing.
- Performed exploratory data analysis (EDA) to identify trends and patterns, supporting strategic planning and operations.
- Collaborated with cross-functional teams, ensuring seamless integration of data engineering and analytics processes.
- Implemented data quality checks and governance practices, maintaining high standards in data management.

TECHNICAL SKILLS

- **Programming Languages & Frameworks:** Python, R, SQL, HTML, CSS, JavaScript, TypeScript, Angular, React, Node.js, Ionic Framework
- **Data Tools & Databases:** Excel, Tableau, R Studio, Dropbox, Oracle, MySQL, PostgreSQL, MongoDB
- **Core Competencies:** Data Analysis, Data Storytelling, Data Visualization, Strategic Insight Development, Statistical Analysis, Data Cleaning

EDUCATION

University of Memphis   **May 2024**
Master of Science in Data Science

Lovely Professional University, India   **May 2021**
Bachelor's Degree in Computer Science and Engineering

ACHIEVEMENTS

- Identified actionable trends and insights from complex datasets, leading to the development and enhancement of community programs that significantly improved local outreach efforts and program effectiveness.
- Utilized Excel and Dropbox to streamline data integration and reporting processes, achieving a 50% reduction in manual efforts and enhancing data accessibility for more efficient analysis.