Hartford, CT | 717-731-2818 | saranshgandhe@gmail.com | https://www.linkedin.com/in/saransh-gandhe/

Saransh Gandhe

EDUCATION

Pennsylvania State University | **State College, PA**
Master of Science in Business Analytics, Graduate Certificate in Management Consulting | GPA: 3.9
2x Dean's List | Teaching Assistant at Smeal College of Business | Capstone Project using R for Predictive Analytics

Pennsylvania State University | **State College, PA**
Bachelor of Science in Business Management, Minor in Supply Chain & IST | GPA: 3.7
6x Dean's List | Business Management Club | International Affairs Association Rotaract Club

SKILLS

- **Programming Languages**: SQL, Python, R, Power BI DAX, GAMS, HTML
- **Tools and Frameworks**: Pentaho ETL, Pandas, NumPy, Seaborn, Matplotlib, Git, Jira, Power BI, Tableau, MySQL, OpenAI, Jupyter Notebook, Google Colab, Airflow, AWS – Glue ETL, Redshift, Lake Formation Security, S3
- **Soft Skills**: Quick Learner, Leadership, Verbal and Written Communication skills, Collaboration, Detail-Oriented

EXPERIENCE

Cigna Healthcare | Business Intelligence Developer | Hartford, CT   Oct 2023-Present

- **Led a Transformative BI Analytics Initiative:** As the onsite coordinator, I spearheaded the transformation of treasury finance data, ensuring its readiness for key business stakeholder reports, enhancing data accuracy and accessibility.
- **Data Integration and Reporting:** Successfully integrated over 2 million rows of historical data from 4-5 treasury finance systems, involving nearly 30 tables. This critical integration enabled comprehensive reporting and data visualization.
- **AWS Expertise and Data Lake Development:** Managed the full lifecycle of AWS ETL Pipeline development and demonstrated comprehensive AWS expertise, from implementing security policies to developing AWS Glue ETL processes using Python, SQL, and Regex.
- **Impactful Report Design and Development:** Designed and developed high-impact treasury finance reports using Power BI and Tableau, providing critical insights and efficiently handling complex data requests. This significantly improved decision-making processes for senior management.
- **Stakeholder Communication and Reporting:** Established and maintained effective communication with stakeholders across different payment systems. Presented valuable reports to senior management and C-level executives, aligning data-driven insights with business strategies and objectives.

CrowdDoing | Volunteer Operations Data Analyst | Ventura, CA   Feb 2023-Sept 2023

- **Strategic Collaboration for License Management:** Worked closely with a five-member multidisciplinary team to develop strategic solutions for the approaching expiration of Microsoft licenses. This initiative successfully conserved significant resources, redirecting them towards key volunteer initiatives and enhancing operational efficiency.
- **Data Analysis and Database Management:** Utilized SQL for comprehensive data analysis and maintenance of extensive databases. Efficiently managed data for over 2000 volunteers using Excel Power Query and Power BI Dax, significantly improving data accuracy and accessibility.

Amazon.com, Inc | Knowledge Data Engineer, Alexa AI | Santa Barbara, CA   Aug 2022-Jan 2023

- **ETL Implementation:** Spearheaded an ETL project utilizing Pentaho, which significantly improved the query success rate of the Alexa AI voice assistant, positively impacting over 100 million users. This initiative led to a substantial enhancement in user experience and system efficiency.
- **Data Management:** Conducted detailed Data Extraction, Cleaning, and Analysis using sophisticated SQL, Python, Regex Code. This approach optimized data-driven insights, contributing to more accurate and actionable business decisions.
- **Collaboration and Documentation:** Worked collaboratively with stakeholders and cross-functional teams, ensuring thorough documentation (Business Requirement and Functional Specification Documents). This facilitated prompt and efficient project delivery, adhering to defined scope, cost, and timeline.
- **Agile Project Management:** Demonstrated strong project management skills by employing Agile methodologies with Scrum, utilizing Confluence and Kanban Boards for enhanced collaboration and effective project tracking. This approach ensured streamlined project execution and adherence to best practices.
- **Enhancement of AI Voice Assistant Accuracy:** Played a key role in expediting and implementing query fixes using Natural Language Understanding/Generation (NLU/NLG) tools. This led to an impressive ~137% increase in Alexa's answer accuracy, significantly elevating user satisfaction and trust in the technology.