SHREY JAIN

SAN JOSE, CA | (408)512-0699 | shrey.jain@sjsu.edu | LinkedIn

EDUCATION

San Jose State University, San Jose, CA   **Expected May 2025**
Master of Science in Data Analytics
Relevant Courses: Machine learning, Data Visualization, Statistical Mathematics, Large Scale Data Analytics

University of Mumbai, India   **Aug 2018-May 2021**
Bachelor of Engineering in Electronics and Telecommunication Engineering   GPA: 3.3/4.0
Relevant Courses: Image Processing& Machine Vision, Database Management Systems, Neural network & Fuzzy Logic, Structured Programming Language

SKILLS

Languages & Databases: Python, C, Java, SQL, R
Web Technologies: HTML, Bootstrap, CSS
Tools: Tableau, Power BI, Splunk, Mage, Google Cloud Platform, Big-Query, Looker, GitHub, Elastic, MongoDB, Git, AWS, JIRA
Software & Libraries: Microsoft Office(Excel, Word, PowerPoint), R-Studio, My-SQL, NumPy, Pandas, SciPy, Scikit-learn, Seaborn, Matplotlib, Plotly, Relational Database, NoSQL, Matlab, PostgreSQL, Django, snowflake, pyspark
Analytic Applications: Data Pipelining, Data Visualization, Data Modeling, Data Warehousing, Data Reporting, Dashboards, ETL
Other Skills: Communication, Problem-Solving, Critical Thinking, Teamwork, Time Management, Adaptability, Business Acumen, Stakeholder Alignment, Organizational Skills, Leadership, Learning Agility, Analytical Thinking

EXPERIENCE

Milap Gold, India   **Jun 2021 – Jun 2023**
Business System Analyst
- Utilized Microsoft Excel and Google Sheets to curate and uphold inventory sales data, ensuring data accuracy, consistency, and real-time synchronization
- Guided in preparing data to be used in understanding business metrics and trends, gathering information, and performing analysis on sales and growth using tools Power BI and Tableau
- Executed insightful ad-hoc data analysis, enabling proactive trend identification and actionable recommendations. Reports contributed to 15% operational efficiency enhancement
- Planned and implemented marketing and promotional strategies to increase sales and brand awareness improving business functionality by 25%
- Led cross-functional teams to ideate, engineer, and actualize revolutionary data-driven solutions, resulting in a 20% efficiency enhancement
- Designed and oversaw interactive dashboards, tracking and quantifying crucial performance metrics, enabling management to make well-informed data-driven decisions
- Streamlined and automated data collection and analysis processes, saving 18 hours of work per week

Thakur College of Engineering & Technology, India   **Jun 2019 – Jul 2021**
Data Science Intern
- Partnered with esteemed mentors to construct and accomplish a robust framework for Crop Classification & Clustering based on Soil Prediction, applying advanced machine learning methods
- Orchestrated a meticulous data acquisition process, followed by rigorous data preprocessing and refinement procedures executed within the R-Studio environment
- Spearheaded a comprehensive analysis of intricate soil fertility clusters utilizing the k-means clustering algorithm, leveraging its inherent capability to unveil hidden patterns within multifaceted datasets
- Pioneered the development of visually compelling representations, encapsulate intricate composition of distinct soil nutrients through proficient utilization of ggplot and geom visual libraries
- Innovated and refined model architectures, resulting in a high-accuracy predictive model at 82.6%, showcasing a profound grasp of data-driven precision

PROJECTS

Sales Data Analytics   **Jan 2023 – Feb 2023**

- Engineered a comprehensive data pipeline, handling 10 Million+, for streamlined data collection, cleansing, and transformation, employing advanced SQL queries and Pandas
- Computed essential business metrics, including revenue, margin, and product categories, across two fiscal years, through robust statistical aggregation techniques.
- Developed interactive Tableau dashboards, visualizing year-over-year (YOY), quarter-over-quarter (QOQ), and month-over-month (MOM) sales trends, resulting in a 25% reduction in data exploration time
- Conducted rigorous A/B tests, assessing pricing strategies and yielding a 10% revenue increase, with statistical significance using hypothesis testing
- Collaborated seamlessly with cross-functional teams to present actionable insights, impacting strategic decisions, resulting in an 18% improvement in operational efficiency

Uber Data Analysis   **Jul 2023 – Aug 2023**

- Leveraged GCP Storage, Python, Compute Instance, Mage Data Pipeline Tool, Big-Query, and Looker Studio for comprehensive Uber data analysis, yielding actionable insights, and optimizing data workflows
- Employed GCP Storage and Python for preprocessing, alongside Compute Instance, Mage Data Pipeline Tool, Big-Query, and Looker Studio for seamless data processing, advanced analysis, and dynamic visualization
- Ensured data quality and enabled parallel processing through GCP Storage and Compute Instance, while automating workflows and presenting rich insights via Big-Query and Looker Studio dashboards
- Proficiently analyzed Uber data, extracting valuable trends and facilitating data-driven decision-making for operational optimization. Demonstrated enhanced efficiency, robust reporting, and expertise in data engineering and analysis