Mayur Jadhav

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SKILLS

Programming Languages	SQL, Python, R, NumPy, Pandas, Matplotlib, SciPy, Scikit-learn
Data Visualization	Tableau, Power BI, Excel, Alteryx, Looker
Statistical Analysis	A/B testing, regression analysis, hypothesis testing, ANOVA, Cohort Analysis
Data Management	SQL Server, MongoDB, AWS Redshift, PostgreSQL, MySQL, MS SQL Server, Git, Talend ETL, Pentaho
Cloud Platforms	AWS, Spark, Hadoop , GCP , Azure
Business Analysis	Requirements gathering, process improvement, data-driven decision making, stakeholder engagement, presenting findings, project management

TECHNICAL EXPERIENCE

Data Analyst / Data Engineer   Nov 2020 — Jul 2022
Xoriant CDi   *Pune, MH*

- Implemented a streamlined data model resulting in a 15% reduction in dashboard loading times.
- Enhanced data quality and streamlined 10 pipelines by refactoring Alteryx and Talend jobs, reducing run time by 30% and improving accuracy by 10%.
- Developed SQL views and ETL processes to generate daily sales reports for 10+ product lines.
- Standardized analytic reporting and reduced manual reporting time by 20% through Power BI automation.
- Demonstrated A/B testing and data-driven decision-making skills by optimizing landing pages for a 12% conversion rate increase.

ACADEMIC EXPERIENCE

Data Analyst / Machine Learning Specialist   May 2023 — Present
University of Texas at Arlington, Student Organizations Office   *Arlington, TX*

- Developed efficient data collection methods to compile organizational data on 10,000+ students using automation, enabling real-time analytics through interactive Power BI dashboards.
- Increased student program participation by 15% (1,500 additional students) through predictive modeling (regression, time series) and actionable insights
- Accomplished the optimization of existing BI products, resulting in a 20% improvement in dashboard performance by implementing advanced data models for drill-down exploration and visualization.

Financial Strategist / Data Analyst   May 2023 — Present
University of Texas at Arlington, Data Science Club   *Arlington, TX*

- Built SQL stored procedures and SSIS packages to automate data, reducing processing time by 40%..
- Boosted student retention by 5% (2,000 students) by developing 2 interactive Tableau dashboards to communicate insights to senior leadership.
- Automated reporting processes by building 4 scheduled Python scripts that aggregated data from 5 sources into consolidated CSV reports.

PROJECTS

Image Classification for Signature Detection (Python)   2023

- Increased dataset size by 109x using strategic data augmentation, boosting model accuracy and generalizability.
- Achieved 92% accuracy with a multi-pronged approach combining Logistic Regression, Decision Trees, XGBoost, and CatBoost.

Market Analysis Dashboard (Tableau)   2023

- Built an interactive Tableau dashboard to identify optimal target markets based on consumer spending, demographics, and survey data.
- Effectively communicated insights and framework, showcasing data visualization and storytelling skills.

EDUCATION

Master of Information Systems and Management, *University of Texas at Arlington*	Aug 2022 – May 2024
Bachelor of Science in Computer Science, *Sinhgad College of Engineering*	June 2016 – July 2020

AWARDS AND ACHIEVEMENTS

Google Data Analytics Professional Certificate	Dec 2023
Datathon 2023 (Machine Learning) First Place, University of Texas at Arlington	Mar 2023
The Wayne Watts Business Fellowship	Aug 2022-Mar 2023
Star Employee Award	Oct 2022-Mar 2022