

Damini Prashant Vichare

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EDUCATION

Master of Science in Data Analytics, San Jose State University	Jan 2023 - Dec 2024
Bachelor of Engineering, Information Technology, University of Mumbai	Aug 2014 - Jun 2018

SKILLS

Data Analytics: Data Modeling, Data Warehousing, Data Wrangling, Data Visualization, ETL Pipelines Development
Tools/Technologies: Python, SQL, Tableau, Quicksight, GCP(BigQuery), AWS (EC2, S3, Redshift, DynamoDB), Salesforce, Databricks, Snowflake, Oracle, Machine Learning, Artificial Intelligence
Statistical Techniques: A/B Testing, Hypothesis Testing, Regression Analysis, Time Series Forecasting

WORK EXPERIENCE

Data Analyst, SLA California, San Jose, CA	Feb 2025 - Present
<ul style="list-style-type: none">Designed and automated SQL based reports for regulatory compliance, improving data accuracy and reducing manual reporting time by 30%.Developed interactive Power BI dashboards for tracking insurance licensing applications, enabling leadership to monitor approvals, denials, and backlogs in real time.Cleaned and processed 100K+ records of licensing and enforcement data using Python (Pandas, NumPy), enhancing data quality for policy analysis.Conducted statistical analysis on license processing trends, identifying key bottlenecks that informed process improvements across departments.	
Senior Data Analyst, Accenture	Oct 2018 - Jan 2023
<ul style="list-style-type: none">Designed product pipelines and collaborated with stakeholders to align agile development with data strategies.Analyzed large-scale datasets to support marketing and sales strategies, driving a 48% YOY improvement in customer retention across Sainsbury's brands.Enhanced ETL processes and data modeling using SQL, Python, reducing data ingestion time by 70% while improving workflow efficiency.Conducted funnel optimization, segmentation, cohort, and time series analysis using Python (Pandas, NumPy, Statsmodels), SAS, and Excel to forecast trends and improve engagement.Conducted statistical analysis, hypothesis testing, and A/B testing using Python, leveraging regression analysis to identify significant trends and optimize retention strategies, leading to a 36% increase in profit margins.Created interactive dashboards with Looker, Tableau to track business performance and answer critical stakeholder questions. Solved 20+ JIRA tickets daily to ensure seamless data operations, maintain a fast-paced project lifecycle, and support timely business decision-making.Leveraged data mining, clustering, and segmentation with Kantar market share data and SAS, improving audience targeting by 35% and increasing ROI by 20%.	
Data Analyst Intern, Samsara, San Francisco, CA	May 2024 - Aug 2024
<ul style="list-style-type: none">Analyzed real-time and historical datasets using Databricks, Apache Spark, SQL, Databricks and Python to predict Failure Estimation and Survival Analysis, resulting in a 15% improvement in operational efficiency.Provided data-driven recommendations using Confluence and interactive visualizations in matplotlib and seaborn, enhancing the understanding of device performance metrics and aiding in strategic decision-making.	

PROJECTS

End-to-End Data Engineering Project - Ecommerce GitHub
<ul style="list-style-type: none">Designed and implemented a full data pipeline, from ERD diagram to ETL processes, using SQL to integrate and structure large eCommerce datasets. Conducted advanced data analysis on customer behavior and product performance, delivering actionable insights for business optimization.
Demand and Supply Data Analysis for Uber GitHub
<ul style="list-style-type: none">Conducted in-depth analysis of Uber's city supply and demand data using Python and SQL, identifying peak demand periods, busiest shifts, and optimizing driver schedules for improved efficiency. Identified key insights on zero-to-eyeball ratios, trip completion trends, and demand-supply mismatches, which will contribute to data-driven strategies for better driver allocation and service optimization.