

Work Experience

BUSINESS INTELLIGENCE DEVELOPER – Marketplace Homes – Plymouth, MI

June 2024 - Present

- Built and maintained analytical dashboards in Power BI for leasing performance, financial KPIs, and operational trends.
- Leveraged T-SQL and Databricks to design scalable data models and automate reporting pipelines.
- Performed deep-dive analysis on leasing churn, vendor response SLAs, and renewal conversions.
- Created cohort and funnel analysis reports, enabling business leaders to optimize customer journey and marketing ROI.
- Automated data refresh schedules and email reports using Power Automate, reducing reporting turnaround by 40%.
- Conducted exploratory and statistical analysis using Python (Pandas, NumPy, Seaborn) for property investment insights.
- Collaborated with cross-functional teams to define metrics and deliver insights tailored to leasing, finance, and marketing teams.
- Implemented data governance best practices ensuring accuracy, consistency, and reliability across all reporting pipelines.
- Managed data compliance protocols, aligning dashboards and analytics processes with internal policies and regulatory standards.

DEVELOPER – Oracle Financial Services Software Limited – India

October 2020 - June 2023

- Analyzed transaction-level financial data to uncover product issues and optimization opportunities.
- Developed and maintained SQL-based audit reports for regulatory compliance and internal QA teams.
- Conducted root cause analysis and contributed to a 15% reduction in production issues through proactive data validation.
- Collaborated with PM teams to define KPIs and integrate business logic into database systems and analytic solutions.
- Designed data dictionaries, data lineage documentation, and performance benchmarks for internal reporting tools.
- Delivered ad-hoc reports to support audit, QA, and compliance teams; translated business requirements into SQL queries and validation logic.

Technical Skills

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| <ul style="list-style-type: none"><li>SQL (SQL Server, MySQL, Oracle, PostgreSQL), SSRS, SRIS, SSMS</li><li>Python (Pandas, NumPy, SciPy, Matplotlib, Scikit-Learn, Seaborn, PySpark)</li><li>Time Series Forecasting, Hypothesis Testing, A/B Testing, Cluster Analysis</li><li>R ( dplyr, shiny, ggplot, tm, tidyr)</li></ul> | <ul style="list-style-type: none"><li>Excel (VLookup, Conditional Formatting, Pivot Tables)</li><li>Microsoft Azure (DataBricks, Azure Data Lake, Azure Data Warehouse)</li><li>Data Governance, Reporting Automation, Stakeholder Reporting</li><li>Microsoft Power BI, Tableau</li></ul> |
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Projects

GLOBAL BRAND PERCEPTION DASHBOARD

- Designed automated ETL pipelines to process 50K+ sentiment records, enabling perception tracking and KPI reporting.
- Built interactive Tableau dashboards with daily refresh and self-serve access to accelerate insight delivery.
- Applied statistical trend analysis to detect sentiment shifts and key perception drivers, providing actionable insights that informed communication and messaging strategies.

CUSTOMER SALES ANALYSIS

- Utilized **SQL** to extract data from 8 different related tables from customer sales databases using **JOIN** and **VIEW**
- Transformed and filtered data using aggregating and filtering function to improve reporting process.
- Generated insightful visualizations using Python to identify business intelligence strategies for enhanced sales performance.

Education

MASTER OF SCIENCE IN INFORMATION, SYSTEMS & TECHNOLOGY – University of Michigan, Dearborn, MI

April 2025

Courses: Business Process Integration, Budget and Cost Estimation, Development and Interpretation of Financial Information, CRM

BACHELOR OF TECHNOLOGY IN INFORMATION TECHNOLOGY – VJTI, Mumbai, India

September 2020

Courses: Cloud Computing, Data Mining Techniques, Machine Learning, Database Systems, Project Management, Big Data