

Prathamesh Sunil Kakade

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WORK EXPERIENCE

Data and Finance Analyst | Sightline Payments April 2024 – Aug 2025

- Analyzed financial transaction datasets across multiple payment processors (20M+ records/month), implementing automated data validation frameworks that reduced reporting discrepancies by 20% and strengthened compliance reporting.
- Built SQL- and Python-based forecasting models in Snowflake to predict transaction volumes and cash flow patterns with >90% accuracy; enabled proactive infrastructure scaling and improved financial risk management.
- Partnered with finance, compliance, and marketing teams to standardize KPIs and derived metrics (approval rates, chargeback ratios, lifetime value), reducing reporting turnaround by 30% and improving audit transparency.
- Designed Power BI executive dashboards tracking revenue trends, customer acquisition costs, and profitability metrics; presented insights weekly to leadership, directly influencing budgeting and strategic allocation.
- Developed attribution models to evaluate campaign ROI and customer lifetime value, providing data-driven recommendations that optimized acquisition spend and improved lead quality.

Student Assistant, UB Library Department | University at Buffalo December 2022 – December 2023

- Collected and analyzed circulation and digital usage data across 200 thousand items; identified high-demand resources, reduced shortages by 12%, and streamlined allocation across multiple library branches.
- Designed Power Query models to automate resource tracking, improving demand forecasting accuracy and enabling proactive restocking decisions.
- Assisted over 1,000 patrons daily, combining customer service with data-driven insights, optimizing user satisfaction.
- Coordinated with a 5-member team to design, plan, and execute weekly student programs, improving engagement scores and fostering a collaborative library environment.

Data Analyst | Course5 Intelligence October 2021 – June 2022

- Built end-to-end Power BI dashboards and SQL reports for multinational clients, optimizing joins, subqueries, and blending pipelines across 10M rows of customer data; reduced manual reporting by 30%.
- Designed Power BI dashboards and SQL pipelines across 10M+ rows of multinational client financial and marketing data, improving KPI accuracy by 15% and directly supporting client retention decisions.
- Conducted financial data quality audits to reconcile discrepancies across currencies, identifiers, and corporate actions; improved accuracy of client-facing reports by 25%.
- Partnered with stakeholders to redefine reporting structures and valuation metrics, enabling executives to monitor profitability, revenue attribution, and cost optimization in near real time.
- Delivered client-ready data visualizations highlighting market performance, ROI, and revenue drivers, supporting strategic portfolio optimization decisions.

Data Analyst | Career Raiser.in June 2020 – October 2021

- Developed Power BI dashboards for warehouse KPIs (inventory utilization, lead times, order fulfilment rates) covering more than 50,000 monthly transactions; reduced order delays by 10% through proactive insights.
- Conducted demand forecasting models using 6 years of sales history; improved purchasing and stock planning strategies, reducing overstock and stockouts.
- Automated ETL workflows by integrating datasets from PostgreSQL, SQL, and Python; reduced data processing cycles by 20% and improved accuracy of reporting pipelines.

TECHNICAL SKILLS

- Languages and Tools:** SQL, Python, R, DAX, HTML, Power Query, Microsoft Office, Microsoft Excel, Microsoft PowerPoint
- Visualization Tools:** Power BI, Tableau (advanced visual storytelling), Quicksight
- Databases:** Snowflake, MySQL, PostgreSQL
- Big Data & ETL:** Azure Databricks, Data Lake, Azure Data Factory, Azure Synapse Analytics, Pyspark
- Data Science and Statistics:** NumPy, Pandas, Matplotlib, Seaborn, Plotly, ipywidgets, Time-Series Forecasting, ELT/ETL

CERTIFICATION

- Microsoft Power BI Data Analyst (PL 300)
- Tableau Desktop Specialist
- Hackerrank SQL 5-star gold badge
- Azure Databricks Lakehouse Fundamentals
- DP 900- Microsoft Azure Data Fundamentals
- Databricks Certified Data Engineer Associate

PROJECTS

Sales Analytics Dashboard - Power BI Buffalo, NY

- Built an end-to-end Power BI dashboard by integrating raw sales data, performing preprocessing and feature engineering to create derived attributes; visualized KPIs such as YoY sales/profit, regional performance, and customer segments with interactive drill-downs, enabling data-driven sales strategy recommendations.

Car Accident Management System Buffalo, NY

- Constructed a Car Accident Management System with a relational database for analyzing nationwide accident data, optimized SQL queries with indexing to reduce execution times by 30% and built a Python-based UI to improve user experience and streamline data interactions.

EDUCATION

State University of New York at Buffalo Buffalo, NY
Master of Science - Data Science December 2023

University of Mumbai Mumbai, IN
Bachelor of Engineering - Computer Science June 2021