Suvapnil Dubey

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Introduction

Data Analyst with 5+ years of experience delivering data-driven insights and scalable analytics across Retail, Education, Healthcare, and Financial Services. Proficient in Python, SQL, R, and Spark for advanced data manipulation, statistical analysis, and predictive modeling. Skilled in ETL pipelines, dashboard automation, and BI tools (Power BI, Tableau, Looker) on big data/cloud platforms (Snowflake, BigQuery, Databricks, AWS, GCP, Azure). Proven track record of driving 52% revenue growth, 76% profit gains, and 55% higher client satisfaction through actionable insights and cross-functional collaboration.

Education

Rutgers University, Rutgers Business School | 3.8/4.0 | New Brunswick, NJ Sep 2023 – Dec 2024
- **MS in IT & Analytics:** Data Science, Machine Learning, Data Analytics, Business Intelligence.

University of Jammu, MIET | 3.6/4.0 | Jammu, India Jul 2015 – Aug 2019
- **Bachelor of Engineering:** Computer Science.

Experience

Research Assistant – Data Analysis, **Rutgers University** – New Brunswick, NJ Jan 2024 – Current
- Developed and fine-tuned RAG models using LangChain and vectorized data stores to improve contextual reasoning.
- Designed and trained ML models on 50M+ records (MySQL, S3, Redshift), improving predictive accuracy by 17% through optimized feature engineering.

Product Data Analyst, **NICE Actimize** – Hoboken, NJ May 2024 – Jul 2024
- Built scalable data pipelines with SQL, PySpark, and Python, integrating CX and sales metrics from Salesforce and Spark data lakes for 100+ enterprise clients.
- Conducted predictive modeling (regression, clustering) to analyze customer behavior, improving CSAT by 13%.
- Designed and maintained 4 real-time dashboards in Power BI and Tableau with automated SQL/DAX queries, reducing reporting latency by 3+ hours weekly.
- Collaborated with engineering and operations teams for root cause analysis and workflow simulations, reducing issue resolution time by 12%.

Graduate Teachers Assistant - Data Analysis, **Rutgers University** – NJ Jan 2024 – Dec 2024
- Trained and supported 150+ graduate students in developing Tableau dashboards and core data analysis techniques.

Senior Data Analyst, **Getmyuni** – Bangalore, India Nov 2022 – Jul 2023
- Developed ETL pipelines (MySQL, Python, Airflow) integrating multi-channel marketing and web data, improving reporting efficiency by 20%.
- Applied A/B testing, forecasting, and optimization to 33+ marketing funnels, driving 52% growth.
- Automated 10+ Power BI dashboards with live SQL connections to track CTR, CPL, and conversion rates.
- Led a team of 8 analysts executing predictive modeling, scenario simulations, and statistical analysis, achieving 76% campaign profitability and 91% client retention.

Data Analyst, **Getmyuni** – Bangalore, India Apr 2021 – Oct 2022
- Conducted data mining and statistical analysis on campaign data, uncovering growth drivers and achieving 45% growth.
- Built dashboards and visualizations in Tableau and Power BI, improving reporting and client satisfaction by 55%.
- Applied forecasting models and scenario testing to optimize 100+ campaigns across multiple digital channels.

Business Data Analyst, **Practo Tech** – Mumbai, India Jun 2019 – Oct 2020
- Led a hyperlocal market-entry initiative, using A/B testing and data insights to increase growth by 19% in 6 months.
- Designed ROI dashboards in Tableau, SQL, and Excel for 70+ B2B healthcare clients to track performance and efficiency.

Technical Skills & Certification

Programming & Analytics: Python (Pandas, NumPy, SciPy, scikit-learn, PySpark), R, SQL (PostgreSQL, MySQL, SQL Server)
Big Data & Cloud: Hadoop, Hive, Spark, Databricks, Snowflake, AWS (S3, Redshift, Glue), GCP (BigQuery), Azure (Data Factory, Synapse), Kafka, Airflow, dbt
ETL & Data Engineering: Data pipelines, batch/streaming, APIs, data cleaning, transformation, feature engineering
Statistics & ML: Regression, Classification, Clustering, Anomaly Detection, A/B Testing, Forecasting, Time Series, NLP, Optimization & Simulation
BI & Visualization: Power BI (DAX, M), Tableau, Looker, Excel (dashboards, pivot tables, macros), Matplotlib, Seaborn, Plotly
Tools & Platforms: Jupyter Notebook, Git/GitHub, VS Code, Docker, Salesforce, Google Analytics
Certifications: Microsoft Certified – Power BI Data Analyst Associate