BIMOL CHANDRA DAS

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PROFESSIONAL SUMMARY

Data Analyst with 5+ years of experience in omni-channel supply chain analytics, fulfillment performance optimization, and warehouse reporting systems. Specialized in leveraging Google Cloud Platform (GCP) and Warehouse Management Systems (WMS) to drive data automation, reduce SLA breaches, and improve throughput. Proven expertise in building unified data pipelines, actionable dashboards, and cross-functional communication for logistics, digital commerce, and in-store operations. Recognized for independent execution, stakeholder influence, and translating business challenges into scalable solutions.

EDUCATION

Trine University   **Angola, Indiana**
Master of Science in Business Analytics, CGPA:3.94/4.00   Expected Dec 2025
University of Dhaka   **Dhaka, Bangladesh**
Bachelor of Science in Statistics.   Feb-2014-Aug 2019

WORK EXPERIENCE

Shoe Haven Inc. | Business Analyst Intern | Detroit, MI | March 2024 - May 2024
- Gathered and documented business and functional requirements (BRD, FRD) through stakeholder interviews, JAD sessions, and workshops, ensuring alignment between goals and system capabilities.
- Built loyalty and retention models using Python, SQL, and Power BI, analyzing spend frequency, redemption, and reseller behavior to guide rewards strategy across U.S. and Canada.
- Designed and deployed ETL pipelines using SQL, Power Query, and GCP tools (BigQuery, Dataflow), consolidating data for merchandising, supply chain, and operations reporting.
- Developed dashboards in Power BI and Tableau to track sales, inventory, customer segments, and campaign effectiveness, supporting real-time executive decisions.
- Conducted pricing and product analysis using Python (Pandas, NumPy) and SQL to optimize assortments and increase conversions through data-driven category strategy.
- Led UAT cycles by creating test plans, cases, and acceptance criteria to validate features and ensure readiness across OMS and WMS systems.
- Automated 30% of recurring reports using SQL, Python, and Power BI Dataflows, improving turnaround time and reducing manual workload.
- Collaborated with product, UX, and IT teams to convert business needs into user stories, wireframes, and workflows for internal and customer-facing tools.
- Provided full-cycle support for Manhattan WMS and OMS platforms, resolving production issues and streamlining QA and UAT processes.
- Created RFPs and SOWs for vendor integration, assessing solutions for scalability, cost, and alignment with GCP-based data architecture.

Pathao Limited | Data Analyst | Dhaka, Bangladesh| May 2018 - July 2023
- Performed in-depth SQL queries on Big-Query and MySQL databases and visualized insights through Tableau and Looker Studio, uncovering an 81% user demand signal. These findings directly influenced the launch of Pathao services in Nepal and Pathao Pay in Bangladesh.
- Built and implemented dynamic rate and cost cards across cities implementing SQL (PostgreSQL) and Excel Power Query, leading to a 10% increase in revenue and a 12% drop in leakage.
- Developed centralized KPI dashboards in MicroStrategy and automated data flow applying ETL pipelines and GCP, boosting analytics productivity by 25%.
- Designed and executed A/B tests and cohort analyses executing R (stats, ggplot2) and Excel, assessing the impact of pricing strategies and incentives, resulting in a 10% profitability increase.
- Applied predictive modeling techniques, including regression and clustering, Python (scikit-learn, Pandas, Seaborn) to forecast surge pricing and analyze behavioral trends.
- Created and automated reporting pipelines using SQL (Hue/Presto) and Google Sheets, streamlining performance tracking and significantly reducing manual reporting hours.

- Designed and managed cross-platform interactive dashboards using Power BI, Looker Studio, and Tableau to monitor engagement, retention, and operational KPIs. Utilized DAX and Power Query to ensure scalability.
- Conducted competitive pricing and market analysis using Python and Web Scraping to benchmark trends, improving pricing adaptability and strategy.
- Addressed peaking-related operational challenges through logical thinking and data-driven planning, enhancing customer and driver experience during high-demand periods.
- Led multiple cross-functional projects using Jira, managing 45+ deliverables, aligning analytical efforts with stakeholder expectations through strong communication and collaboration.

PROJECTS EXPERIENCE

ChemCorp Sales and Profitability Analysis
Tools Used: Excel, SQL, Python (NumPy, Pandas), Tableau
- Conducted geospatial analysis on regional sales data, identifying a 30% revenue contribution from top multi-store regions and a 25% profit margin.
- Applied predictive analytics and strategic decision-making, reallocating 15% of the marketing budget to high margin regions, projecting a 20% increase in profitability.

American Energy Market Regulator (AEMR) Data Analysis
Tools Used: Excel, SQL, Python (NumPy, Pandas), Tableau
- Increasing forced outages and energy losses were impacting grid stability, with a 9.25% rise in forced outages from 2016 to 2017.
- Identified key participants with prolonged outages (120+ hours), classified risk levels, and uncovered seasonal outage trends, with winter months experiencing 15% higher outage rates.

Predictive Modeling Using Linear and Logistic Regression
Tools Used: Python, Scikit-learn, Pandas, Matplotlib
- Developed and compared linear and logistic regression models to predict outcomes using real-world structured datasets.
- Built and evaluated models using metrics like Mean Squared Error (MSE), R squared, Confusion Matrix, Accuracy, Precision, Recall and ROC Curve.
- Demonstrated strong understanding of model selection, overfitting prevention, and statistical performance comparison.

CERTIFICATION

- Certified Business Analysis Professional (CBAP)   IIBA |May 2025
- Microsoft Certified: Power BI Data Analyst Associate   Microsoft | December 2024
- Google Data Analytics Professional Certificate   Google (Coursera) | December 2024
- Google Data Analytics Capstone: Mobility & Business Intelligence   Google (Coursera)| December 2024
- Data Visualization and Dashboards with Excel and Cognos   IBM | January 2024
- Foundations: Data, Data, everywhere   Google (Coursera) | December 2023
- Tableau Essential Training | LinkedIn   LinkedIn Learning | February 2022
- SQL for Data Science   University of California, Davis | July 2021
- Programming for Everybody (Python)   University of Michigan | July 2020

SKILLS & INTERESTS

- **Programming & Databases:**
  SQL (PostgreSQL, MySQL, Hue/Presto), BigQuery, Python (Pandas, NumPy, Matplotlib, Seaborn, Statsmodels), R (ggplot2, plotly, stats), Google Cloud Platform (GCP)
- **Business Intelligence & Visualization:**
  Power BI (DAX, Power Query), Tableau, Looker Studio, Excel (advanced formulas & automation), Web Scraping, KPI dashboards, Data hygiene audit reporting
- **Data Engineering & Analytics Expertise:**
  ETL Pipelines, Data Cleaning & Validation, Data Warehousing, Automation, Predictive Modeling, Statistical Analysis, A/B Testing, Cohort Analysis, Regression Modeling, Data Governance & Compliance (FERPA/GDPR awareness)
- **Soft Skills:**
  Logical Thinking, Cross-Functional Communication, Team Leadership & Mentorship, Stakeholder Engagement, Data-Driven Decision-Making, Digital Technology Adaptability, Change Management