

Md Nahid Rahman

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Objective

Highly motivated Information Systems and Business Analytics undergraduate with hands-on experience in SQL, Excel, Tableau, and Power BI. Skilled in data cleaning, dashboard development, and generating actionable insights. Eager to learn and apply critical thinking skills to support data-driven decision-making and operational improvements as an Associate Data Analyst at ITS Logistics

Education

Arkansas State University, Jonesboro, AR

Aug 2021 - May 2026

Bachelor of Science, Information Systems and Business Analytics (ISBA)

Experience

Americas Best Value Inn

May 2025 - August 2025

Business & Data Analyst (Intern)

- Queried 40+ months of booking data using SQL to identify seasonal trends and support pricing strategies.
- Cleaned and transformed data with Pandas; applied regression models in Python to forecast demand ($R^2 = 0.999$).
- Boosted bookings by 8.3% and reduced cancellations from 40.8% to under 8%, improving operational efficiency.
- Delivered Tableau dashboards to improve revenue strategy by visualizing ADR, revenue shifts, and booking trends for stakeholders.
- Collaborated with team members to gather requirements and deliver clear, data-driven insights via Excel dashboards and reports.

Academic Projects

Big Data Health Analytics Project – Global Cancer, U.S. Health, and Clinical Diagnostics

Jan 2025 - May 2025

Arkansas State University

- Analyzed 900K+ records using SQL and Python to uncover mortality trends and health risk factors.
- Reduced 300+ attributes to 40 KPIs using clustering and statistical methods.
- Built SAS Viya dashboards to visualize high-risk tumor features and deliver actionable insights.
- Applied critical thinking skills to translate complex data into simplified visuals for health researchers.

U.S. Air Quality & Pollution Analysis – EPA Data, 2020-2023

Aug 2024 - Dec 2024

Arkansas State University

- Transformed 10M+ air quality records using SQL; analyzed regional patterns and trends.
- Designed and implemented predictive models in Python, achieving R^2 of 0.89 to forecast AQI and identify pollution zones.
- Developed interactive Power BI dashboards for AQI exceedance and monitoring gaps.
- Communicated findings clearly through visuals and reports, sharpening both technical and non-technical presentation skills.

Business Analytics Simulation Project

Jan 2024 - Apr 2024

Arkansas State University

- Executed data analysis in Excel using VLOOKUP and PivotTables to identify sales and customer behavior trends.
- Conducted cluster analysis to segment vendors and improve delivery efficiency.
- Presented KPIs and A/B testing results to simulate data-driven business decisions in a collaborative setting.

Skills

- **Languages & Tools:** SQL, Python (Pandas, NumPy), R, Power BI, Tableau, Excel, SPSS
- **Techniques:** Data Cleaning, Transformation, Forecasting, Regression, Clustering, Trend Analysis
- **Platforms:** SAS Viya, MySQL, SQL Server, Power Automate, Microsoft Office Suite
- **Soft Skills:** Verbal and Written Communication, Critical Thinking, Problem Solving, Eager to Learn, Highly Motivated

Leadership and Team Collaboration

Bangladeshi Student Organization (BSO)

Dec 2023 - Dec 2024

Secretary

- Led cross-functional teams and organized campus events for 100+ students.
- Analyzed participation data to improve engagement and optimize resource allocation.
- Streamlined communication and record-keeping practices, contributing to efficient operations and collaboration.