

Bishowjith Ghosh

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Analytical and results-driven professional with over 5 years of experience in data-related roles, grounded in a robust foundation in data science. Currently pursuing a Master of Science in Data Science, with expected graduation in January 2025. Proficient in Tableau, Python, and MySQL, with practical experience in managing and analyzing large datasets, creating complex queries, and developing comprehensive reports and dashboards. Seeking a position that offers opportunities to leverage analytical skills and technical expertise to drive data-driven decisions and contribute to the organization's success.

Skills

- Data Analysis: Data Mining, Data Cleaning, Exploratory Data Analysis (EDA)
 - Data Visualization: Tableau (Dashboards, Storytelling), Reporting
 - Technical Skills: Python, Pandas, MySQL, Seaborn, NumPy, GitHub, Jupyter Notebook, Colab, HTML, CSS
 - Machine Learning: Concepts of ML, Scikit-Learn, Flask for ML deployment
 - Office Tools: MS Office, Adobe Photoshop
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Work Experience

Data Analysis Intern, *Careerera*, remote — Jan 2024 to Present

Utilized Tableau extensively to design interactive dashboards, visualizations, and reports, showcasing key metrics and trends. Conducted exploratory data analysis (EDA) to uncover patterns, correlations, and anomalies in data sets. Developed scripts in Python for data cleaning, transformation, and preprocessing. Leveraged MySQL to efficiently manage databases and execute complex queries for data extraction and analysis. Collaborated with the data team to ensure data accuracy and integrity.

Data Coordinator, *Applied Materials*, Austin, TX — June 2022 to May 2024

Managed and organized data sets, ensuring data integrity and accuracy. Developed efficient data collection and storage processes. Ensured timely data entry to support semiconductor industry operations, updating customers on their million-dollar tools. Assisted in data cleaning, report preparation, and insights generation. Coordinated with departments to compile necessary data and facilitated smooth workflow. Coordinated material data for parts, including requirements, incoming, and missing parts by location. Worked with IT to troubleshoot and improve data processes. Prepared and presented data reports to management. Utilized the Integrated Operations Management System (IOMS) and Microsoft Excel and PowerPoint for data entry, analysis, and reporting.

Projects

Sales Performance Dashboard (Superstore Dataset)

Objective: Track and visualize sales performance metrics.

Details: Developed interactive Tableau dashboards. Bar Charts: Compared sales and profit across categories. Line Charts: Showed sales trends over time. Heat Maps: Conducted geographical sales analysis. Scatter Plots: Analyzed relationships between sales and discount rates. Bullet Graphs: Measured performance against targets.

Customer Segmentation Analysis (P1 Amazing Mart)

Objective: Analyze customer segments for targeted marketing.

Details: Created detailed Tableau visualizations: Pie Charts: Displayed customer segment distribution. Treemaps: Visualized segment hierarchies. Bubble Charts: Illustrated segment sizes. Gantt Charts: Showed project timelines and resource allocations.

Bank Customer Analysis (UK Bank Customer Dataset)

Objective: Identify patterns in customer behavior.

Details: Analyzed demographics and transaction patterns. Built comprehensive Tableau dashboards:

Histograms: Showed account balance distributions. Box Plots: Displayed transaction amount spreads and outliers. Dual-Axis Charts: Compared transaction count and amount. Word Clouds: Visualized common customer feedback themes.

Startup Performance Dashboard (1000 Startup Company Dataset)

Objective: Track and analyze the performance metrics of 1000 startup companies.

Details: Developed interactive Tableau dashboards. Bar Charts: Compared revenue and profit margins across different startups. Line Charts: Analyzed growth trends over time. Heat Maps: Conducted geographical analysis of startup locations. Scatter Plots: Examined relationships between investment and revenue. Bubble Charts: Visualized startup sizes based on revenue and employee count.

Google Play Store Cleaning

Objective: Clean and preprocess data from the Google Play Store.

Details: Used Python for EDA and data cleaning, handling missing values and correcting data types.

Data Cleaning with Sports Data

Objective: Clean and analyze sports data.

Details: Performed EDA and data cleaning using Python, focusing on handling inconsistent and missing data.

Diwali Sales Analysis

Objective: Analyze sales data for Diwali season.

Details: Conducted EDA using Python, identifying key trends and patterns in the sales data.

Life Expectancy EDA

Objective: Explore and preprocess life expectancy data.

Details: Conducted EDA and preprocessing using Python, addressing missing values and identifying key factors affecting life expectancy.

Education

M.S. in Data Science, Birchwood University (Graduating January 2025)

B.S. in Chemistry, National University (2013)

Certifications & Professional Development

CompTIA IT Fundamentals, austinfree.net, Austin, Texas — March 19, 2018

CompTIA A+ Complete Study Guide (Course & Labs), The Goodwill Academy — May 7, 2018

Diploma in Computer Science & ICT, SIT Foundation, Bangladesh — December 2010

Software Testing and Automation Course, NextTech ITC, Irving, TX — 2021

Additional Experience

Data Support Specialist, Luminex Corp, Austin, TX — July 2020 to June 2021

Data Collection Specialist, AirBorn Inc, Georgetown, TX — February 2019 to July 2020

IT Technician, Build A Sign, Austin, TX — January 2017 to February 2019

IT support Specialist, X-desk, Pflugerville, TX — March 2016 to January 2017

Web designer, Uding Inc., Barisal, Bangladesh — February 2009 to November 2015