

# Bidisha Mondal

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## Personal Details

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- GitHub Repository Link : [github.com/Bidisha1Mondal?tab=repositories](https://github.com/Bidisha1Mondal?tab=repositories)

## Skills

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- Database : MySQL
- Business Intelligence (BI) & Data Visualization tools : Microsoft Power BI, MS Excel
- Programming language : Python
- Other Skills : Generative AI, HTML, CSS, Search Engine Optimization (SEO), Business Analysis, Customer Acquisition

## Projects

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- **Customer Market Analysis: February 2025**

- Utilized Excel to track inventory and data cleaning schedules, implementing formulas to identify supply trends and reduce restocking frequency by 20%.

- Built pivot tables, charts and data sets to summarize monthly performance KPIs for management review with Descriptive Analytics.

- Created 9 KPIs to identify market opportunities and actionable and analytical insights including which customer markets to target based on customer activity.

Data-Analysis-Projects-

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- **Sales Performance Analysis and Forecasting: March 2025**

- Designed an interactive Power BI dashboard to analyze sales, profit, and shipping metrics across regions, categories, and time periods—resulting in a 40% improvement in data clarity and 25% faster decision-making through visual insights, enhancing strategic decision-making with dynamic visualizations that reduced data trend identification time by 40% and improved decision accuracy by 30%.

- Implemented advanced filtering and DAX calculations to compare monthly profits (2019 vs. 2020) and highlight short-term sales trends Data Visualization (Dec 31, 2020–Jan 14, 2021) with Predictive Analytics, driving 30% more accurate business insights.

- Streamlined data modeling and cleaning processes, reducing preparation time by 25% and boosting data accuracy by 15%.

- Applied strong attention to detail data models from previous cleaning assistant role to clean, organize, and transform data—enhancing data accuracy by 35% and enabling 50% more flexible reporting for stakeholders.

Data-Analysis-Project-Power\_BI

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- **Car Inventory KPI Report: March 2025**

- Wrote optimized SQL queries for data mining to analyze car inventory data by year and fuel type (Petrol, Diesel, CNG), providing 100% data visibility from 2015 to 2023 for business and client reporting and collaboration.

- Answered real-world business questions by delivering year-wise car availability KPIs, increasing data

accessibility for managers and clients by 40%, and enhancing planning accuracy by 35%.

•Applied detail-oriented problem solving and critical thinking from cleaning assistant experience to ensure clean, accurate, and complete data outputs, improving reporting quality and reducing data errors by 30%.

SQL-For-Data\_Analysis

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## Education

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- **Narula Institute of Technology** 2024-Present  
MCA (Master of Computer Applications)  
Persuing
- **Asutosh College under University of Calcutta** 2020-2023  
B.Sc in Mathematics (Honours)  
Grade A+ with CGPA 8.301
- **Harinavi D.V.A.S. High School (H.S.)** 2019-2020  
12th Board (Higher Secondary)  
Grade O with 93.4%
- **Kamrabad Girls' High School(H.S.)** 2017-2018  
10th Board (Secondary)  
Grade A+ with 88.71%