# Ankit Mandal

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## Profile Summary

Dedicated Analyst with 3 years of experience in driving impactful improvements in EPC cost estimation, data processing, and cost benchmarking. Proficient in **Advanced Excel**, **Power BI**, **SQL**, and **Python**.

## Experience

**Analyst**, Fluor Daniel India Pvt Ltd – Gurgaon, HR      July 2022 – Present

- Led development of cost benchmarking tools for EPC projects, scaling data from 70 to 500+ projects and improving bidding success by 25% through data-driven insights.
- Improved data processing and quality by 60% for multibillion-dollar projects by automating tasks, cutting turnaround time from 48 to under 30 hours, and boosting decision-making efficiency.
- Built and deployed an Excel-Power BI Schedule Benchmarking Tool, automating analysis and boosting schedule development efficiency by 80% for strategic project planning.
- Manage cross-regional projects, drove 40% tool adoption through 15+ demos, and mentored interns to enhance team output and reporting accuracy by 30%.

## Technical Skills

**Languages:** SQL,DAX, Power Query (M), VBA Macros, Python

**Technologies:** Power BI, Microsoft SQL Server, Power Automate, Microsoft Excel, Jupyter Notebook

**Libraries & Concepts:** T-SQL, Power BI Visuals Framework, ETL Processes, Data Modeling, Dynamic Dashboards

## Education

**Netaji Subhas Institute of Technology**, BE in Manufacturing Processes and Automation Engineering GPA: 7.4/10.0      Aug 2018 – May 2022

## Projects

**Library Management System**      Link

- Designed and implemented a library management system with a normalized SQL database, stored procedures, and ERD-based schema for efficient book and employee tracking.
- Improved operational efficiency by 30%, reduced overdue returns by 20%, and provided actionable insights into employee productivity.

**Customer Segmentation Dashboard**      Link

- Conducted customer segmentation using RFM analysis with SQL and Power BI to enhance targeted marketing and retention strategies.
- Built an interactive dashboard with DAX to visualize insights, demonstrating a potential 15% reduction in customer churn.

## Certifications

**Associate Data Analyst in SQL**      Link

- Gained hands-on experience in writing complex SQL queries, performing data transformations, and analyzing datasets to support data-driven decision-making.

**Data Analyst in Power BI**      Link

- Developed end-to-end data analysis skills using Power BI, including data cleaning with Power Query, data modeling, DAX calculations, and interactive dashboard creation.