

# SAGNIK KUNDU

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## SUMMARY

BI Developer with 2.5 years of experience in designing, developing, and optimizing end-to-end data solutions, with a strong focus on Power BI driven analytics and reporting. Hands-on experience working with diverse data sources, constructing reliable data pipelines, and executing data cleaning, transformation, and semantic data modelling to support interactive and visually appealing analytical solutions. Proficient in Data Modelling, Power BI, Tableau, Python, SQL, and AI-assisted development tools, with a solid foundation in data visualization and modern reporting practices.

## TECHNICAL SKILLS

• Power BI Desktop	VLOOKUP/XLOOKUP	Data Warehouse
• Advanced Excel	MySQL	Data Modelling
• DAX	Advanced SQL	Data Cleaning
• Tableau	SQL Server	Data Transformation
• RLS (Row Level Security)	Python	Storytelling
• Power Query	Matillion ETL	MS Exchange Tools
• Pivot Tables	Snowflake Cloud Data	Git/GitHub

## PROFESSIONAL EXPERIENCE

### Cognizant Technology Solutions - BI Developer

Sep 2023 - Present | Kolkata, India

- Developed 10+ interactive Power BI reports and 4 dashboards across 4 business verticals, improved stakeholder communication and delivery of data-driven insights
- Migrated 30+ Excel-based static reports to live Power BI dashboards, reducing manual reporting effort by ~80 hours per month through automation
- Implemented hybrid data connection strategies for live and historical datasets, resulting in a 70% improvement in report performance and server timings
- Built a complex star-schema semantic model integrating 5M+ records and 400+ data attributes across 7 fact and dimension tables, improving query efficiency by 40%
- Introduced Date/Time dimension table and DAX-based Time Intelligence calculations to support automated trend and time-series analysis
- Enabled Row-Level Security (RLS) to ensure secure, role-based data access for multiple stakeholder groups and business users
- Configured scheduled dataset refreshes in Power BI Service through REST API enabling reliable, up-to-date reporting and seamless collaboration across teams
- Led a 6-member BI & Analytics team responsible for enterprise Power BI analytics and reporting solutions
- Skills:** Power BI, Advanced Excel, DAX, Measures, Calculated Columns, Power Query, Dynamic Reports, Stakeholder Communication

## PROJECTS

### Incident Summary Dashboard [[Link](#)] | Power BI, SQL, Snowflake

- Integrated data from 7+ sources using the Snowflake connector and Power Query to create a unified, trusted semantic model
- Modelled incident data using a star schema and optimized DAX measures and calculation groups, reducing measure complexity by 30%
- Analysed incident trends and failure patterns to deliver actionable insights, contributing to an 80% reduction in MTTR and improved data availability to 96%
- Delivered 2 dashboards with drill-through incident analysis and KPI tracking, 90% faster issue identification and resolution

### Fixed Asset Management Dashboard [[Link](#)] | Power BI, SQL, Excel

- Built 2 interactive Power BI reports for fixed asset tracking, depreciation analysis, and financial reporting
- Calculated 25+ KPIs including Beginning Balance, Acquisitions, Depreciation, Disposals, and Net Book Value (NBV) with MoM and YoY variance analysis
- Created drill-through reporting, dynamic slicers, and filters to enable granular asset-level visibility with RLS and page-navigation through bookmarks
- Enhanced usability through a clean, user-focused interface with light and dark mode themes

### Interactive MIS Dashboard [[Link](#)] | Power BI, Excel

- Combined multiple operational data sources to build a consolidated Power BI reporting layer for management and business users
- Generated 20+ DAX measures to track KPIs such as customer satisfaction, call resolution time, and service efficiency
- Designed interactive, executive-ready dashboards using diverse visualizations to clearly communicate trends and insights
- Recommended data-driven process improvements that enhanced operational productivity and supported leadership decision-making

## EDUCATION

- Bachelor of Technology (B. Tech) 2019 - 2023 | CGPA: 9.15 / 10  
Electronics & Communication Engineering - B.P. Poddar Institute of Management and Technology - Kolkata, India

## CERTIFICATION & COURSEWORK

- PL-300: Power BI Data Analyst - In Progress
- PL-300 certification prep: Microsoft Power BI Data Analyst ([Link](#))
- The Complete SQL Bootcamp ([Link](#))
- Snowflake – The Complete Masterclass (Udemy)
- Learn SQL using MySQL and Database Design (Udemy)

## AWARDS

- Best GenC 2024 - AIA Insurance Domain
- Cognizant GenC Techie Award for Performance Excellence - 2025