

Koushik Bhattacharya

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Professional Summary

Results-driven Senior Data Analyst with **over 8 years** of experience in transforming complex data into actionable business intelligence. Proven expertise in developing and managing end-to-end data analytics solutions using **Power BI, SQL**, and **Python**. Skilled in **data modeling, ETL/ELT**, and workflow orchestration with **Apache Airflow** and **PySpark** to optimize processes and drive data-informed decision-making. Adept at leading junior analysts to achieve significant improvements in efficiency and accuracy.

- **Data Visualization & Reporting:** Power BI, Tableau, Advanced Excel, DAX, Power Query
- **Data Engineering & ETL:** Apache Airflow, PySpark, SQL Server, ELT & ETL, Data Warehousing, Data Modeling, OLAP, Data Mart, Hadoop
- **Cloud Data Platforms:** AWS Redshift, Azure Databricks, Big Data, Data Lake, API Connections
- **Programming & Data Analysis:** Python, R, Gen AI, Automated Data Cleansing & Transformation
- **Platforms & Tools:** ServiceNow, SharePoint, Dynamic 365, Tally ERP 9, TCS BaNCs
- **Data Management:** Big Data, Data Governance, Row-Level Security, Data Lake, API Connections
- **Professional Skills:** Stakeholder Management, Project Management, Problem Solving, Team Leadership

Professional Experience

Senior Data Analyst | Hewlett-Packard, Bangalore, India (Hybrid) August 2024 – Present

- Spearheaded over **20 data analysis projects**, delivering key insights that led to a **15% increase** in operational efficiency.
- Developed and deployed more than **15 interactive Power BI dashboards**, improving data accessibility for **over 300 stakeholders** and enabling a **20% faster** decision-making cycle.
- Engineered a GUI Based **Python** application that **automated data cleansing** for **15+ CSV files**, reducing a **4-hour manual process to under 10 seconds** and **saving the team over 20 hours of work weekly**.
- Mentored and guided a team of **five junior data analysts**, improving project delivery timelines **by 25%**.
- Utilized **Python and R** to perform advanced data transformation, cleansing, and modeling, enhancing the accuracy of predictive analytics by **over 15%**.
- Architected and sustained robust data models and warehouses using **SQL Server and Azure**, ensuring **99.9% data quality** and integrity for key business metrics.

Power BI Developer | Tata Consultancy Services, Kolkata, India (WFO) April 2019 – March 2024

- **Automated 6 major reporting and dashboard systems**, including Incident Management and AIO SLA, which **eliminated 100% of manual intervention**, saved over **40 hours per month**, and eradicated human errors.
- Integrated **Power BI with Azure Cloud services (Azure Databricks and Data Lake)**, which increased data retrieval and dashboard refresh efficiency **by 30%**.
- Developed and upheld **Power BI dashboards** for global client reporting, providing critical insights that contributed to a **5% increase** in quarterly revenue.
- Developed a comprehensive data model for a complex finance project, reducing data processing time **by 20%**.
- Developed and optimized complex **DAX calculations and data models** from diverse sources like **ServiceNow, SQL**, and **AWS**, enhancing report performance and accuracy **by up to 25%**.

Analyst | Tata Consultancy Services, Chennai, India (WFO) February 2018 – March 2019

- Analyzed **over 10,000 customer** feedback records to identify key trends, leading to the implementation of **3 service improvements** that **increased customer satisfaction by 15%**.
- Supported end-to-end data analysis for the **TCS BaNCS** platform, ensuring data integrity and accuracy for critical banking operations.
- Specialized in the **TCS BaNCS** tool to perform large-scale data analysis, ensuring **high standards of data quality and accuracy** for financial platforms.
- Extracted and analyzed critical data using **mainframe queries** to generate insightful **Excel reports** that supported forecasting and ad-hoc decision-making.
- Streamlined platform transition projects by performing system analysis, creating detailed documentation, and providing user support, **reducing project delays by 20%**.

Financial Claim Analyst | Tata Consultancy Services, Kolkata, India (WFO) Sept 2017 – Jan 2018

- Leveraged the **TCS BaNCS** platform and **EQUIFAX** data to optimize claim operations, reducing claim processing time **by 10%**.
- Processed new policies and claims, calculated premium adjustments, and maintained a suspicious claims database with exceptional accuracy.

Education Qualification

- Post Graduation Advance Certification in Data Analytics | Indian Institute of Technology (IIT) | Jul 2025
- Bachelor of Business Administration (BBA) | University of Burdwan, India | May 2017
- Diploma in Computer Application | NIIT, Durgapur, India | June 2015

Certifications & Awards

- Star Performer of the Year | HP Inc., 2024-2025
- Microsoft Certified: Data Analyst Associate (PL-300) | Microsoft, 2023
- Tableau Developer | Edvancer, 2025
- Data Analytics in SQL Server | Edvancer, 2025
- R Programming Developer | Edvancer, 2025
- Star Performer of the Month | 2023
- Best Performer Award | 2021-2022