DARSHAN SHARMA BHATTARAI

Data Analyst

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Profile Summary

Dedicated data analyst skilled in developing data-driven solutions to enhance organizational efficiency and customer experience. Proficient in data visualization, with expertise in data cleaning, analysis, and reporting. Specializes in transforming complex datasets into actionable insights and creating insightful dashboards to support data-driven decision making. Committed to using analytical expertise to enhance business performance and operational efficiency.

Skills

Languages :	Python, SQL, Java, C/C++, Scala
Tools :	Advanced Excel, Power BI, MS Office 365, MySQL
Frameworks :	Hadoop, Apache Spark, Hive, Azure Databricks
Platforms :	PyCharm, Spyder, Jupyter Notebook, Visual Studio Code, Dev C++, IntelliJ IDEA
Soft Skills :	Rapport Building, Stakeholder Management, People Management, Excellent Communication

Experience

Jio Platforms Limited
December 2023 – Present
Data Analyst
Mumbai, India

- Led data-driven initiatives **improving Jio's FTTX ecosystem efficiency by 50%** through accurate device counts, client connectivity analytics, and dashboard creation in Azure Databricks, optimizing features like parental control and MAC stitching for enhanced user experience.
- Designed logic for a KPI triggering auto-reboots for devices with high CPU and memory utilization and low data consumption at zero hour, visualizing key performance metrics in Power BI, resulting in an **87% increase in device efficiency**.
- Automated E2E firmware monitoring report for different categories of devices using Azure Databricks and integrated insights with Office 365 tools (Excel, SharePoint) to **reduce processing time by 98%** and streamline reporting workflows.
- Spearheaded analytical requirements for Jio's technology acquisition from Plume, leveraging Azure Databricks and Power BI to track device performance metrics, **impacting 80% of devices installed across India**.

Projects

Sales and Customer Insights Dashboard in Excel/Power BI
- Designed an Excel and Power BI dashboard for data investigation, analyzing sales trends, regional performance, and customer behavior. Implemented RCA analysis, hypothesis testing, and macros for data automation. **Optimized reporting efficiency by 60%** and uncovered growth opportunities, **leading to a 15% sales boost**.

Fraud Detection & Risk Assessment in Excel
- Developed an Excel-based fraud detection system utilizing Pivot Tables/Charts, XLOOKUP, INDEX-MATCH, and advanced Excel functions for in-depth data analysis. Applied risk assessment techniques, anomaly detection, and statistical modeling to identify fraudulent patterns. Integrated RCA analysis and hypothesis testing to validate insights, while macros automated data validation and flagging processes. **Improved detection accuracy by 40%** and **reduced manual review time by 50%**.

Education

Netaji Subhash Engineering College
Kolkata, India
B.Tech, Computer Science and Engineering
June 2019 - June 2023
CGPA - 9.26

Certification

Google Data Analytics Specialization Certificate	November 2024
IBM Data Analyst Specialization Certificate	November 2024
Microsoft Power BI Data Analyst Specialization Certificate	December 2024
IBM Data Science Specialization Certificate	December 2024