

SABUZ RANA

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PROFESSIONAL SUMMARY

Detail-oriented and analytical Data Analyst with a Post-Graduate Diploma in Big Data Analytics and a Bachelor's in Information Technology. Proficient in writing complex SQL queries, building dynamic Power BI dashboards, and executing data modeling to convert raw metrics into actionable business intelligence. Experienced in optimizing reporting workflows, collaborating with cross-functional teams, and maintaining high data integrity.

TECHNICAL SKILLS

- **Business Intelligence & Visualization:** Power BI, Tableau, Advanced Excel, Matplotlib
- **Data Analysis & Querying:** SQL (PostgreSQL, MySQL, SQL Server), Python, R, Data Modeling
- **Big Data & Ecosystems:** Hadoop, Kafka, Spark, Hive, Impala, HBase, Sqoop
- **Core Competencies:** ETL Pipelines, Data Cleansing, Reporting Optimization, Statistical Analysis, Git

KEY DATA ANALYTICS & BI PROJECTS

Power BI Interactive Analytics Dashboard

github.com/sabujrana/powerbi_chart.git

- Designed and implemented interactive Power BI dashboards using dynamic visual representations and KPI summaries to track business metrics.
- Engineered SQL queries to aggregate multi-source datasets, ensuring data accuracy, integrity, and smooth dashboard refresh performance.

Big Data Visualization for Business Communications

github.com/sabujrana/-Big-Data-Visualization-for-Business-Communications-03.git

- Transformed complex datasets into executive summary views, facilitating data-driven decision-making across departments.
- Utilized data transformation and cleaning techniques in Python to maintain rigorous numerical integrity.

Data Analysis & Insights Project

github.com/sabujrana/IGindividualProject.git

- Performed exploratory data analysis, feature validation, and structured analytical models to solve business-oriented problems.

WORK EXPERIENCE

Junior Data Analyst — MIG Holdings Ltd (Lalitpur, Nepal)

Sep 2021 – Feb 2023

- Designed, developed, and maintained resilient data pipelines using Python, SQL, and Tableau/Power BI, reducing project completion time by 20%.
- Wrote and optimized SQL scripts and queries to pull, aggregate, and validate multi-source financial datasets for daily analysis.
- Produced and delivered 10 comprehensive BI reports with strategic recommendations, helping drive a 20% increase in revenue.
- Collaborated with cross-functional teams to translate raw operational data into actionable summary dashboards, improving alignment by 15%.

EDUCATION

Post-Graduate Diploma in Big Data Analytics

May 2023 – Dec 2024

Lambton College, Mississauga, ON

Bachelor of Engineering in Information Technology

Sep 2016 – Aug 2021

Nepal College of Information Technology (NCIT), Kathmandu, Nepal

VOLUNTEER & LEADERSHIP

Organizer – NEXT Expo | NCIT (May 2019 – Jul 2019): Managed event data collection, analyzed attendee trends across 10+ events, and maintained record retention compliance.