

RUCHIKA GUPTA

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Portfolio: <https://rugupta.dorik.io/>

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Experienced **data professional** with expertise in **data analytics, visualization, and business intelligence**. Skilled in **SQL, Python, and Power BI**, with a strong understanding of transforming complex data into actionable insight. Seeking to leverage analytical tools and methodologies to support strategic decision-making and drive business improvements.

EXPERIENCE

Data Analyst | Nogdawindamin Family and Community Services | Sault Ste. Marie, Ontario

January 2024 – Present

- Develop data-driven reports and dashboards to support child welfare and community service initiatives.
- Analyze trends in service provision, admissions, discharges, and resource allocation.
- Leverage SQL, Power BI, and Python for data extraction, visualization, and automation.
- Work closely with leadership to enhance decision-making through advanced data insights.
- Ensure compliance with regulatory reporting requirements and governance frameworks.

Business Intelligence Analyst | RVK Foods and Entertainment | Noida, India

May 2022 – August 2023

- Designed and created visually appealing reports and dashboards using MS Excel, Power BI, and Tableau.
- Collaborated closely with business partners to gather and translate business requirements into effective BI solutions, with oversight from more experienced team members.
- Maintained documentation for business policies and procedures, facilitating technology solution implementation.

Technical Specialist | HCL Technologies | Noida, India

December 2021 – April 2022

- Developed ServiceNow solutions to streamline IT processes and enhance user experience.
- Utilized Java programming for automating incidents and tickets allocation processes.
- Led business process implementation and identified use cases for testing and gap analysis.
- Provided recommendations for problem resolution and facilitated end-user training for smooth transitions.

Mathematics Teacher | MBIC | Noida, India

June 2010 – January 2018

- Delivered comprehensive mathematics instruction to secondary school students.
 - Designed engaging lesson plans and activities to promote student understanding and participation.
 - Monitored student progress, provided feedback, and tailored teaching methods to individual needs.
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EDUCATION

Graduate Certificate in Big Data Analytics | Georgian College | Barrie, ON | October 2023

Graduate Certificate in Information Technology | Algoma University | Sault Ste. Marie, ON | December 2022

Pro-degree in Data Science | KPMG Learning Academy | Delhi, India | December 2021

Bachelor of Education in Teaching of Mathematics | CCS University | Ghaziabad, India | June 2008

Bachelor's Degree (Hons) in Mathematics | University of Delhi | Delhi, India | July 2003

CERTIFICATION

- Complete Introduction to Microsoft Power BI, Udemy, May 2023
 - Microsoft SQL Server 2019 Essential Training, LinkedIn, Jul 2023
 - Scala Essential Training, LinkedIn, May 2023
 - Introduction to Cassandra, LinkedIn, Apr 2023
 - Project Management Foundations: Requirements, LinkedIn, Mar 2023
 - SAS Programming 1: Essentials, SAS Learning, February 2023
 - Applied Analytics Using SAS Enterprise Miner 15.1, SAS Learning, July 2023
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SKILLS

- **Data Visualization:** Power BI, Tableau, ArcGIS
 - **ETL & Data Engineering:** Talend, SSIS, AWS Cloud, Hadoop, Kafka, Spark
 - **Business Intelligence:** BI Solutions with RapidMiner, Microsoft Excel
 - **Programming:** R, Python, Java, Scala, T-SQL
 - **Databases:** Microsoft SQL Server, MySQL, MongoDB
 - Data Mining, Machine Learning Algorithms, Analytical
 - Problem Solving, Decision-making
 - Interpersonal, Teamwork, Sales Management
 - MS PowerPoint, SharePoint, MS Project
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PROJECTS

Title: Customer Segmentation using RFM Analysis and K-Means Clustering

Technology: Data Science, Data Mining, Data Analytics

Tools: Python, Excel, RapidMiner, Tableau

Project Link: https://github.com/ruchikagupta82/RFM_Analysis_K_meansClustering/blob/main/ClusteringProject.pdf

Title: Data Integration and Visualization

Technology: Data Analytics, Business Intelligence

Tools: Talend Open Studio, MS SQL Server, MS Power BI

Project Link: https://youtu.be/PM6W3YIBR_U

Title: EDA on Impact of COVID-19 on Students

Technology: Data Analytics, Statical Analysis

Tools: Microsoft Excel

Project Link: https://github.com/ruchikagupta82/ImpactOfCovidOnStudents/blob/main/CovidImpact_DataExploration_Excel.pdf
