

Hricha Maharjan

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Education

Masters in data Analytics

Expected April 2026

Clark University, Worcester, Massachusetts

Bachelor of Science in Computing

Graduated

2022 Softwarica College, Kathmandu Nepal

Affiliated to: Coventry University, London

Technical Skills

- **Programming Languages:** Python (Pandas, Scikit-learn), R, JavaScript, SQL, PL/SQL
- **Databases:** SQL Server, PostgreSQL
- **Data Engineering:** ETL (Extract, Transform, Load), Data Modeling, Data Warehousing
- **BI & Data Visualization Tools:** SSRS, SSIS, Power BI, Tableau, Excel
- **Version Control & Project Management:** Git, Jira, Asana, Agile (Scrum/Kanban)
- **Web Development:** React (basic proficiency), Node JS, Django
- **Cloud & Big Data:** Familiarity with Azure, Apache Spark, Snowflake (familiar)
- **Statistical Analysis & ML:** Linear/Logistic Regression, Hypothesis Testing

Professional Experience

Cotiviti; Kathmandu, Nepal

December 2022 – July

2024 Software Engineer

- Downloaded and prepared data from client systems and databases for analytics using SQL, Excel, and Python.
- Cleaned, transformed, and analyzed healthcare data using SQL and Python, aligned with structured project requirements.
- Conducted exploratory data analysis and generated insights used for US healthcare intelligence platforms (MI, PI, EI).
- Built over 20 SSRS and Excel-based reports with advanced features such as pivot tables, charts, and Power Query to support 10+ stakeholders.
- Created clear documentation of assumptions, logic, and results for analytics processes.
- Developed ETL workflows using Oracle Data Integrator and created automation scripts to streamline repetitive tasks.
- Collaborated in Agile teams using Git, Jira, and Asana, contributing to shared team deliverables and knowledge-sharing sessions.

Certifications & Training

- Oracle SQL expert
 - Oracle Certified associate Training
 - Oracle Certified Professional Training
 - Oracle Data warehousing and Performance tuning
 - Data analysis to solve business problems using tableau
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Projects

1. Sales Analytics Dashboard
 - Created a Tableau dashboard integrated with SQL Server to track sales KPIs.
 - Enabled a 20% improvement in sales execution via actionable insights.
 2. Hospital Performance Analysis
 - Conducted EDA and visualization using Python libraries (Pandas, Matplotlib, Seaborn).
 - Identified causes of high readmission rates, influencing new hospital policies.
 3. Customer Insights Web App
 - Built a React web application integrating Power BI for customer behavior analysis.
 - Facilitated marketing strategy optimization through interactive dashboards.
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