

# RUTUJA LOHAKARE

+1 (217) 693-8328 • [rutujaklohakare@gmail.com](mailto:rutujaklohakare@gmail.com) • [linkedin.com/in/rutuja-lohakare](https://www.linkedin.com/in/rutuja-lohakare) • [github.com/rutuja-lohakare](https://github.com/rutuja-lohakare)

## EDUCATION

<b>University of Illinois Urbana Champaign</b> <i>Master of Science in Business Analytics, GPA:3.93/4</i>	<b>United States</b> <i>Aug 2023 - May 2024</i>
<b>Usha Mittal Institute of Technology</b> <i>Bachelor of Technology in Electronics and Communication Engineering, GPA:3.36/4</i>	<b>India</b> <i>Aug 2016 – Jun 2020</i>

## WORK EXPERIENCE

<b>School of Social Work at UIUC</b> <i>Research Assistant</i>	<b>Champaign, USA</b> <i>Feb 2024 – Present</i>
<ul style="list-style-type: none"><li>• Analyzed survey data using Python, created Tableau dashboards, and streamlined data pipelines, cutting aggregation time by 30% and enhancing decision-making insights.</li><li>• Designed and executed complex SQL queries for data manipulation and analysis, optimizing database performance and supporting strategic decision-making processes.</li></ul>	
<b>Caterpillar Inc.</b> <i>Data Analyst</i>	<b>Champaign, USA</b> <i>Sep 2023 – Present</i>
<ul style="list-style-type: none"><li>• Assessed freight optimization model accuracy and visualized its impact on supply chain efficiency with Tableau dashboards.</li><li>• Spearheaded a data integrity initiative, standardizing and validating datasets across multiple ERP systems, resolving previous inaccuracies in reporting and operational decisions.</li></ul>	
<b>The Grainger College of Engineering, UIUC</b> <i>Student Consultant</i>	<b>Champaign, USA</b> <i>Oct 2023 – Feb 2024</i>
<ul style="list-style-type: none"><li>• Resolved diverse technical issues by troubleshooting and efficiently managing IT ticketing tasks, enhancing IT service quality and operational efficiency on campus.</li></ul>	
<b>Neebal Technologies Private Limited</b> <i>Business Quality Analyst</i>	<b>Mumbai, India</b> <i>Nov 2020 – May 2023</i>
<ul style="list-style-type: none"><li>• Created a self-service analytics platform using Tableau, enabling business users to independently generate data insights, reducing IT support tickets by 40%.</li><li>• Translated business needs into actionable IT requirements by partnering with IT and SMEs, identifying gaps and solutions for enterprise and custom systems.</li><li>• Developed data flows and diagrams, and performed fit-gap analyses to ensure effective integration of data into business processes and capabilities, facilitating successful change management.</li><li>• Implemented data cleaning and transformation processes using Python and SQL, ensuring high-quality data for testing and reporting, and enhancing the quality assurance process.</li><li>• Automated over 50 data tests using Python and leveraged Excel for data analysis and validation, significantly reducing critical defects in software development.</li><li>• Performed comprehensive quality assurance testing on software applications and websites utilizing manual and automated testing techniques, improving product quality and client satisfaction.</li><li>• Formulated and executed SQL-based database tests, extending the quality tests coverage by 18% and minimizing technical debt through early regression detection.</li></ul>	

## CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals
- Basic Proficiency in KNIME Analytics Platform

## SKILLS

<b>Languages</b>	Python, R, SQL (MySQL)
<b>Analytical Tools</b>	Tableau, KNIME, PowerBI, MS Excel, SPSS, JIRA, PowerPoint
<b>Technical Skills</b>	Data Modelling, Data Visualization, Machine Learning, AWS (S3, RedShift), ETL, SAS
<b>Others</b>	Project Management, Requirement Analysis, Scrum Methodologies, Stakeholder Management