

Manali Chaudhari

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EDUCATION

Syracuse University , School of Information Studies, Syracuse, NY Master of Science in Information Systems <i>Relevant Coursework:</i> DBMS, Data Analysis and Decision Making, Data Science, Cloud Management, Business Analytics	May 2025 3.85/4
SNDT Women's University , Usha Mittal Institute of Technology, Mumbai, India Bachelor of Technology in Computer Science and Technology	May 2023 9.2/10

CERTIFICATIONS/TECHNICAL SKILLS

Certifications: Microsoft Office Specialist - Excel 2019 Associate, Become a PowerBI Specialist - LinkedIn Learning
Programming Languages: Python[Numpy, Pandas, Matplotlib, Scikit-learn, Seaborn], R[ggplot2, Shiny], C, C++, Octave
Technologies: PowerBI, Tableau, AWS[EC2, S3], Azure[Data Studio], HTML, CSS, Bootstrap, ReactJS, Firebase
Database Management: SQL, PostgreSQL, Snowflake
Softwares: Figma, MS Excel, MS Powerpoint, MS Word, Unified Functional Testing(UFT), Application Lifecycle Management(ALM), PowerApps, Microsoft Access, Git and GitHub

PROFESSIONAL EXPERIENCE

Project Intern, TAM Media Research <ul style="list-style-type: none">Engineered an automated tracking system using Google API and Streamlit to monitor hashtags and keywords, streamlining the monthly reporting process for TAM Brand and enhancing efficiencyDevised a solution to automate 80% of article retrieval based on specific keywords, significantly reducing manual effort and improving media coverage aggregationCreated and deployed a real-time monitoring platform for keyword-related articles, enhancing the accuracy and speed of media analysis reports	June 2024 - July 2024
Global Information Technology Intern, Colgate-Palmolive <ul style="list-style-type: none">Performed monthly regression suite execution in a pre-production environment for over 500 test cases improving testing accuracy, and ultimately contributing to 6 more reliable monthly releasesFormulated and engineered supply chain scenarios using Visual Basic Script while utilizing ALM for planning and maintenance of testing scenarios and UFT for script development, resulting in a 20% improvement in supply chain management, streamlined testing processes, and a 15% increase in overall efficiencyConducted regular meetings with product team to proactively resolve errors in monthly release cycle, ensuring smoother releases and improved quality of pre-production processCreated comprehensive and user-friendly technical documentation for projects, effectively translating intricate technical concepts into clear and concise language resulting in a 25% reduction in support tickets and a 20% increase in user adoption rates due to accelerated user understandingFacilitated agile methodologies, led agile meetings, and removed obstacles to boost productivity as a Scrum Master resulting an increase in team productivity by one-fifth	Jan 2023 - June 2023

PROJECTS

Energy Consumption Analysis <ul style="list-style-type: none">Constructed a predictive model of decision trees to analyze data on residential energy consumption in South Carolina, achieving an accuracy of 91.3% for heating and 94.8% for cooling dataUsed machine learning to forge a comprehensive understanding of energy consumption dynamics, identifying key factors such as square feet, income level, household size, insulation quality, etc. to reduce complexity of huge datasetsProvided actionable insights through Shiny Application that integrates complex data analysis and predictive modeling, offering interactive visualization and model analysis features	March 2024 - April 2024
Dining Hall Management System <ul style="list-style-type: none">Established a comprehensive system to automate task assignments for Syracuse student employees across two dining halls, resulting in a 30% enhancement in operational efficiencyDesigned and orchestrated over 10 complex SQL views and 7 joins, to optimize data handling and retrieval for effective scheduling and compliance with employment regulationsCollaborated with 70+ student employees and managers to tailor system, improving task diversity and ensuring adherence to work-hour limits through strategic database adjustments, improving stakeholder satisfaction and system usability	Oct 2023- Dec 2023
HR Analytics Dashboard <ul style="list-style-type: none">Spearheaded design and development of an HR Analytics Dashboard using PowerBI, leveraging data from diverse sources, resulting in a 20% increase in employee performance and a 15% reduction in turnoverExtracted, cleaned, and transformed 1500+ HR records, ensuring data accuracy and reliability for analysisImplemented interactive visualizations by attrition rate of employees, including 5+ HR KPIs and dynamic department filters, enabling HR team to identify trends and outliers swiftly, leading to a 10% reduction in recruitment costs	July 2023- Aug 2023