RAHUL KOTIAN

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EDUCATION

SYRACUSE UNIVERSITY
School of Information Studies
MS in Information Management
May 2023 | Syracuse, New York
GPA: 3.67 / 4.00

MUMBAI UNIVERSITY
BE in Computer Engineering
October 2020 | Mumbai, India

COURSEWORK

GRADUATE
Introduction to Data Science
Data Administration Concepts
and Database Management
Project Management
Information System Analysis
Cloud Management
Strategic Management
Enterprise Risk Management
Lean Six Sigma

UNDERGRADUATE
Big Data and Analytics
AI and ML
Data Warehousing and Mining
Database Management Systems

SKILLS

TECHNOLOGIES
SQL • Python • R • Kaizen • Selenium
Bloomberg • Jira • ANOVA • Matlab

BUSINESS ANALYTICS
Microsoft Excel • Data Visualization
Microsoft Power BI • Tableau • SSAS
Report Designer BI • Alteryx

MANAGEMENT
Project Management
Risk Management • TeamGantt
MS Project • SDLC • Agile

CLOUD TECHNOLOGIES
Amazon Web Services (AWS)
Microsoft Azure
Google Cloud Platform (GCP)

PUBLICATIONS

[1] S. Ghojaria, R. Kotian, Y. Sawant, and S. Mestry. Spoken Language Understanding using Pretraining Technique. *SSRN*, 2020.

WORK EXPERIENCE

DYNAMIC SUSTAINABILITY LAB | Data Analyst
July 2022 – May 2023 | Syracuse, NY
- Led a team in automating data pipelines for 150+ energy measurement points, targeting a 5% efficiency boost.
- Implemented Power BI and SQL Server Analysis Services for energy tracking, targeting a 15% reduction in overall consumption.
- Presented data-driven models to senior management, influencing decisions that led to a 10% potential reduction in the University's carbon footprint.

ACADEMIC PROJECTS

HEALTHCARE DATA ANALYSIS | Introduction to Data Science
- Developed machine learning models with 70% accuracy and 75% sensitivity, leading to significant improvements in patient forecasting and identification of potential cost-saving ideas.

UBER DATA ANALYSIS | Big Data and Analytics
- Formulated Java-based MapReduce model for Uber, reducing processing time by 50%.
- Attained 95% accuracy in identifying peak usage, optimizing operations for enhanced customer experience.

PROJECT MANAGEMENT | Managing Information Projects
- Spearheaded projects with Agile method, cutting rework by 50%.
- Launched 8-month stakeholder plan with MS Project, ensuring satisfaction and reducing project completion time by 30% through automation.

SYSTEM ANALYSIS CASE STUDY | Information System Analysis
- Managed Agile System Analysis for Meeting Makers, achieving a 20% faster, high-quality project delivery.
- Defined specifications, reducing development time by 30% and ensuring on-time completion.
- Collaborated effectively on user testing, securing 95% satisfaction rate.

LEAN SIX SIGMA CONSULTANT | Lean Six Sigma
- Executed Lean Six Sigma methodologies, incorporating DMAIC, SIPOC, Root Cause Analysis, and Data Analysis, to alleviate production line bottlenecks at L & G Stickley located in Manlius..
- Orchestrated a 15% augmentation in overall business revenue by optimizing individual productivity by 15%.

LEADERSHIP

UX RESEARCH PARTICIPANT
- Collaborated in UX studies for tech industry leaders, including Google Generative AI, Universal Music Group, Spotify, Google Maps, Google Pay, YouTube, YouTube Shorts, and TransPerfect.
- Offered critical insights for the development of 10+ prototypes and contributed to data-driven enhancements in over 15 products through active participation in 50+ video conferences.