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

Introduction to Data Science
Project Management
Information System Analysis
Cloud Management
Strategic Management
Enterprise Risk Management
Lean Six Sigma
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 • SAS

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

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

CERTIFICATIONS

• Google Data Analytics
Specialization by **Google**
• Google Business Intelligence
Specialization by **Google**
•SAS Visual Business Analytics
Specialization by **SAS**
•Customer Analytics
Certification by **Wharton**

WORK EXPERIENCE

DYNAMIC SUSTAINABILITY LAB | Data Analyst
July 2022 – May 2023 | Syracuse, NY
- Executed in-depth analysis of over 150 energy measurement points for a $2.11 billion enterprise, leveraging Power BI, Report Designer BI, and EnergyCAP, which unveiled potential for a 5% efficiency enhancement in energy resource utilization.
- Initiated the creation of an advanced Power BI dashboard, amalgamating diverse data sources, performing Data Mining and Data Wrangling, designing custom visualizations, and consistently updating senior leadership.
- Orchestrated the roll-out of an innovative energy resource tracking system using Power BI and SQL Server Analysis Services (SSAS), targeting an anticipated 15% reduction in energy usage.
- Articulated data-driven models, findings, and insights to senior management, influencing informed decision-making during the transition to a Carbon NetZero economy. The data dictionary was instrumental in communicating complex data concepts.

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 5 potential cost-saving ideas.

GOOGLE DATA ANALYTICS CERTIFICATION | Google
- Executed comprehensive training in data analytics, mastering foundational concepts, problem-solving, and data exploration.
- Applied expertise in spreadsheets, SQL, and data visualization to optimize decision-making, showcasing proficiency in data integrity, cleaning, and organization through hands-on projects.

SPOKEN LANGUAGE UNDERSTANDING USING PRETRAINING
| Publication : https://dx.doi.org/10.2139/ssrn.3703913
- Orchestrated the dissection and interpretation of intricate datasets, driving a 15% improvement in SLU model performance.
- Strategically identified and resolved data-related challenges, bolstering model robustness and ensuring reliable data insights during implementation.
- Achieved a noteworthy accuracy rate surpassing 95% in rigorous testing, validating the effectiveness of implemented data analysis strategies and model optimization techniques.

LEADERSHIP

UX RESEARCH
- Participated in UX research initiatives for industry giants such as Google Generative AI, Universal Music Group, Spotify, Google Maps, Google Pay, YouTube, YouTube Shorts, Suntory and TransPerfect.
- Delivered key insights that shaped the development of over 10 prototypes, and drove data-informed enhancements across more than 15 products through active engagement in over 50 video conferences.