

RAHUL KOTIAN

rahulkotian98.github.io | rahulkotian26@gmail.com | 680.216.3807 | linkedin.com/in/rahulkotian26

EDUCATION

SYRACUSE UNIVERSITY

School of Information Studies

MS IN INFORMATION MANAGEMENT

GPA: 3.67 / 4.00

BS IN COMPUTER ENGINEERING

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

11 months | 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](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.