SAI RAGHAVENDRA SRIDHAR

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The University of Texas at Dallas, Naveen Jindal School of Management	Richardson, TX

Master of Science in Information Technology Management (GPA - 3.67/4)   **August 2019 - May 2021**

Concentrations: Business Intelligence and Data Analytics
Coursework: Business Analytics with R, Data Visualization, Business Data Warehousing, Data Management

Anna University	Chennai, India

Bachelor of Engineering in Electrical and Electronics Engineering (GPA - 3.8/4)   **July 2013 - May 2017**

- Note Dean's list and Magna Cum Laude
- Secretary of Epsilon - Nationwide Symposium

Coursework: OOPS with JAVA, Principles of Management, Electrical Machines 1, Electrical Machines 2

PROFESSIONAL EXPERIENCE

NTT DATA GLOBAL DELIVERY SERVICES PVT. LTD	Bangalore, India

Software Developer and Business Analyst   **August 2017 - June 2019**

- Streamlined 40 % of annual and quarterly reporting process by automating report generation via macro-enabled workbooks
- Coordinated with onsite operations team to communicate issues to clients and to perform immediate production changes
- Performed effective DB2 database manipulations and COBOL changes among Insurance products across US states
- Contributed to the implementation of new 10+ policy print projects in the financial year 2018-19
- Spearheaded in-depth analysis of critical issues and backlog data that led to improved SLA adherence by 30%
- Improved project performance by 10% through problem resolution training session for 3 junior consultants
- Performed data mining through applications to audit user account for compliance issues and unauthorized activities
- Collaborated with DW and support teams to define a roadmap for new IT project deliveries
- Introduced job data analysis to decouple dependencies and run time analysis to reduce job run times and failures by 15%

PROJECTS

Influence of Southwest Airlines on airfare using R-Studio	February 2020 - March 2020

- Established an in-depth dataset analysis of various factors and their impact on airfare using pivot tables
- Executed three different regression techniques and post result comparison, achieved the lowest error using step regression
- Critically analyzed and deduced the reduction in airfares due to Southwest Airline's presence in a port

E-commerce Insights - Machine Learning	November 2019

- Implemented Multivariate Linear Regression model to facilitate decision making by using Python obtaining 98% accuracy
- Projected the insights and predictors correlation through Python 2D Visualization

Predicting Customer Ad Clicks - Machine Learning	December 2019

- Utilized Logistic Regression to predict consumer activity on a company website achieving 91% precision
- Performed Exploratory Data Analysis using Python visualization libraries to get insights on the data

Emergency - 911 calls, Data Analysis - Python	December 2019

- Analyzed a '911 Calls' dataset of 100,000+ records, to discover the frequent reasons for calls and predict highest occurrence
- Visualized insights through heat maps and cluster maps based on the call rates and segmented by month and day of the week

Smart Refrigerator - System Analysis and Project Management	September 2019

- Expressed business initiative capability of integrating sophisticated features to a generic refrigeration system that reduced human interaction by 20%
- Documented the business model through UML such as sequence, class and context diagrams

SKILLS

Certifications - Lean Six Sigma Black Belt, Python and Machine Learning, Business Analytics, Power BI, Mainframes, Insurance
Analysis Tools - R Studio, Ingenium 5.5, Ingenium 6.3.1, Control-M, Minitab, Google Analytics, XPEDITOR, MS Excel
Programming - PYTHON (pandas, NumPy, scikit-learn, Matplotlib, seaborn, Plotly, Cufflinks), R, C, COBOL, JCL, VSAM
Visualization Tools - Tableau, Power BI, Qlikview, Gephi, SAP Business Objects
Algorithms - Regression**,** Classification, Clustering, Naive Bayes, Hypothesis Testing, Decision Trees, Random Forests
Databases - IBM DB2, MySQL

LEADERSHIP AND ORGANIZATIONS

Orators at UTD, Toastmasters International - Vice President of PR, Secretary	**August 2019 - Present**
SALSS, Naveen Jindal School of Management - Event Coordinator	**August 2019 - Present**
Intelligence Analytics Society, Naveen Jindal School of Management - Member	**August 2019 - Present**
Wharton Online Alumni - University of Pennsylvania	**April 2018 - Present**