

## DATA ANALYST

### Professional Summary

Industrial and Systems Engineering graduate, certified Base SAS Programmer and a Lean Six Sigma Green Belt with strong background in statistics, mathematics and logical problem solving looking for a dynamic opportunity in data driven fields of analytics and statistical modeling.

### Core Qualifications

Data Science Tools: R, Base SAS, Python (Numpy, Pandas, Matplotlib, Scikit-learn), SPSS, Minitab, MATLAB, Apache Spark, SQL, MS Excel, MS Visio, Tableau MySQL, Oracle Database, Microsoft Access  
Key Competencies: Data Extraction, Data Wrangling, Data Analysis, Data Visualization, Regression Analysis (Linear, Logistic and Multinomial), Time Series Analysis, Association Rule Mining, Monte Carlo Simulation, Optimization, Random Forests

### Experience

07/2016 to Current

Data Analyst Company Name i/4 State

09/2015 to 05/2016

Student Manager Company Name i/4 State

- Undertook a leadership and advisory role in training newcomers to hone their culinary and behavioral skills.
- PROJECTS Classification of Customers for Credit Card Company Jan 2016 – May 2016 Performed a logistic regression on a credit card company dataset to classify clients as credible and non-credible.
- Extracted crucial factors to simplify the classification model using exploratory factor analysis.
- Developed and validated a model to classify the future customers and aid decision-making.
- Simulation Analysis of Adding a Second Parking Ticket Booth at a Mall Aug 2015 – Dec 2015 Assessed distribution and trends of incoming customer patterns performing statistical analysis on MATLAB and ExpertFit.
- Additional booth modeled using Arena reduced average waiting time per customer from 6.2 minutes to 1.8 minutes.
- Statistical Analysis of Defects in Clutch Plate Manufacturing - A Six Sigma Study Jan 2015 – May 2015 The DMAIC methodology (Define, Measure, Analyze, Improve and Control) was implemented to understand the cause of the defects and data was statistically analyzed with the help of control charts using Minitab.

06/2013 to 07/2013

Intern Company Name

- Identified the areas in the assembly line of a light commercial vehicle where more operations could be housed.
- Developed a detailed model of improved layout to accommodate more operations using AutoCAD to improve the space utilization by 300%.

consultant

- a self-storage company to classify the customers as 'worthy' and 'not worthy' based on their activity on the company website using the Random Forest algorithm.
- Built the model in R and model deployment using Python.
- Currently building a reservation model for Public Storage to forecast if the customer would reserve the storage or not.

### Education

Aug 2016

Masters of Science : Industrial and Systems Engineering Binghamton University, State University of New York Industrial and Systems Engineering 3.51/4.00

May 2014

Bachelors of Engineering : Mechanical Engineering Osmania University Mechanical Engineering 3.33/4.00

### Skills

Apache, AutoCAD, charts, Credit, clients, Data Analysis, Data Visualization, Databases, Dec, decision-making, layout, leadership, MATLAB, Microsoft Access, MS Excel, Minitab, MySQL, Optimization, Oracle Database, Python, SAS, Simulation, Six Sigma, SPSS, SQL, Statistical Analysis, Tableau, Visio, website