

SHREYANSH SHIVAM

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EDUCATION

SINGAPORE MANAGEMENT UNIVERSITY- Singapore

Aug 2019 - Dec 2020

Master of I.T. in Business (Analytics Track)

- Key Courses: Applied Statistics with R, Data Analytics Using SAS, Visual Analytics with R, Text Analytics using Python, Social Analytics and Graph Theory, Spreadsheet modelling, Big Data Tools and Techniques

M.S. RAMAIAH INSTITUTE OF TECHNOLOGY – Bangalore, India

Aug 2010 - Jul 2014

Bachelor of Engineering in Instrumentation Technology

- First Class with distinction (CGPA: 9.38/10)- Top 3% in the Cohort
- Key Courses: OOP with C++ and Data Structures, Artificial Neural Network and Fuzzy Logic, Probability and Statistics

EXPERIENCE

Burpple (Information Technology & Services)

Aug 2020 – Present

A mobile app that connects food lovers and helps to discover good food and restaurants, with more than 600K active users

Data Analyst Intern (Singapore)

- Built a model to predict the churn of existing subscribers using Decision trees in Python with an accuracy of 84%
- Develop product specific lifecycle dashboards to measure key success metrics that help to drive growth and retention
- Conducted Network Analysis to find the most influential food blogger and identified the communities of foodies to come up with food/ Venue recommendation using Networkx
- Conducted A/B testing to measure the impact of different campaign mechanics and performed customer segmentation

GRAB (Information Technology & Services)

Jan 2020 – Jun 2020

Southeast Asia's first Decacorn and leading super app - providing transportation, logistics and financial services

Data Analyst Intern (Singapore)

- Developed framework using R and NLP techniques to analyse the Satisfaction Survey conducted for entire organization across the globe highlighting change in sentiment using sentiment analysis and topic modelling techniques
- Worked on building an Attrition Prediction model using Random Forest Classifier in Python to predict the propensity of an employee quitting in the coming 2 months with a minimum accuracy of 75%
- Developed diversity and inclusion dashboard using SQL and visualised using Tableau for the People Operations team to help them get insights on team structure and areas of improvements
- Built a gender decoder using python to identify if there is any gender biasness in the wordings of job descriptions
- Worked closely with the Head of People Analytics and People Operations Leadership Team to continuously develop People metrics and dashboards to measure efficiency and effectiveness of various People functions and services
- Conducted team learning sessions and was featured in Grab as internship ambassador-[Link to Grab Featured Post](#)

Yokogawa Electric (Process Automation)

Jul 2014 – Jun 2019

Industrial Automation major with a global workforce of 19,000 employees operating in 55 countries.

Executive Project Engineer (Dubai/Abu Dhabi, UAE)

- Spearheaded team of 9 engineers from Yokogawa in Abu Dhabi National Oil Company (ADNOC) 7th largest oil producers in the world, for development of Process Control logics using SQL and FBDs in SARB project worth 30 Million USD.
- Oversee production line to identify process improvements using Machine Learning Algorithms
- Designed data visualizations using R and Power BI to display process alarms and event data in a structured way
- Used scientific data such as equipment sensors and process data to extract meaningful information for analytics
- Received prestigious "SPOT" award by Yokogawa (top 10% of cohort) in review cycle for exemplary performance

ACADEMIC PROJECTS

- **Network Analysis of Urban Bike Sharing System using Python:** Analyzed 1 million data to explore changes over time and find communities and the interaction between them during and around peak commuting times, different regions of the city using concepts of Graph Theory like Centrality (Degree, Betweenness, PageRank, HITS) and Community Detection
- **Exploring the New Norm – Working from Home :** Performed sentiment analysis on around 70k tweets scrapped from twitter during the Covid -19 pandemic to discover the topics of interest and concerns raised by people regarding the new norm of working from home, and to study their sentiments revolving around such working arrangements using Python.
- **Analysis of Open Electricity Market of Singapore using R:** Prepared a model to help the consumer select the most optimal utility provider based on the past consumption using Linear Regression for Predictive Modeling in R.

ADDITIONAL

- Technical Skills: Python, R, C++, SQL, MATLAB, SAS, Concepts of Hadoop, HIVE, SPARK, Google Analytics and Big Query
- Data Visualising Skills: Tableau, Power BI, Google Data Studio
- Teaching Assistant in SMU for Business Analytics and Framework
- Vice President –Public Relations of Yokogawa Toastmasters Club -Won the best Speaker awards in club competitions
- To view some of Analytics projects done click the links- [R Projects](#) , [Tableau Data Viz](#) , [R Shiny Project](#), [Git Hub](#)