Jaswanth Samba
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Education:

University of Waterloo, ON, Canada **Aug 2018 – Oct 2019**
Master's in Management Sciences (MMSC), Data Analytics
Relevant Courses: Operation Analytics, Quantitative Data Analytics, Statistical Methods for Data Analytics and Machine Learning, Statistical Consulting and Big Data.

BMS Institute of Technology, VTU, India **Jul 2013 – Aug 2017**
Bachelor's in Engineering (BE), Electronics and Communication Engineering.

Technical Skills:

BI and Analytics:	R, SQL, Python, ETL, SAS, SAP, C++, Tableau, Power BI, DAX, Advance MS Excel, Google Analytics and Google Ads
Modelling Techniques:	Linear Regression, Decision Tree, K-NN, Logistics Regression, Cross-Validation, K-mean Clustering and more
Tools:	MS SQL, MySQL, SSMS, SSIS, MS Access, Hadoop, PyCharm, NumPy, RStudio, Anaconda, VBA, JIRA and Trello.
Certificates:	**SAS Certified on Statistical concepts, Tableau Desktop Specialist, Certification in Business and Entrepreneurship**
Project Planning Methods:	Agile, Scrum, Waterfall
Project Links:	Drinking Water, Depression and Stress, Airbnb Dataset

Experience:

Business Intelligence Analyst **Jan 2020 – Apr 2020**
Compass Group – Crothall, Canada

- Innovated a **Unitizing Analysis** using **Power BI** for 15 hospitals east of Canada which would track the number of employees based on area in square ft.
- Saved over 36 Full Time Employees resources and provided efficient way to schedule the employees on ground using **Power BI and DAX**.
- Worked with **Third Party Wanda Virtual Manager Large Datasets around 150,000+ data points** to keep an account of Reactive Task, Active task and other metrics.
- **Analyzed Reports** to evaluate the frequency of hospital employee shifts on daily basis.
- Analyzed data sets from vendors to monitor vending machines, hospital employees, quality of the hospitals, blood transport and other variables on the ground for over 40+ hospitals.
- Implemented **Power BI** dashboards and visuals with variables to provide detailed analysis which did reduce execution time by 50% and saved resources utilized.
- Provided **Call Center Analysis** to audit the number of calls, durations of calls, overtime calls and helped the center to set up time shifts to accept calls with appropriate amount of staffing which was also Cost-effective by 20%.
- Interacted with 40+ hospitals to collect data, analyze and build insightful reports for their weekly usage.

Business Analyst | Product Manager **Mar 2017 – Apr 2018**
Jigsaw Thinking, India

- Developed and executed a business reporting tool with Excel to maintain a track of all the 2000+ clients that were participating in our programs.
- Cost-effectively implemented technology solutions by determining the requirements of a project and communicating them clearly to stakeholders, facilitators and partners.
- **Marketing Analytics**: Worked with the marketing team and derived analysis reports that helped us convert a lot of clients attending the events and workshops to our regular customers by 60%.
- Solely responsible for projects that were implemented by the company. Used **Excel** to create a competitive **Product Analysis Reports** to evaluate the performance and innovative products by our company. Designed around 50+ Product Analysis Reports.

Projects:

Data Visualization, Descriptive and Diagnostic Analytics - Drinking Water, Hygiene and Sanitation

- Gathered and organized the UNICEF data for 2000 and 2019 for all the countries using **Excel** Pivot tables and Lookup, Index, and Match functions
- Represented the Basic level of Drinking Water in 2000 and 2019. Compared the EDA on **Python** to show how the hygiene level of drinking water increased in 18 years for 250+ countries.
- Conducted exploratory data analysis on Python to understand the death rate of diarrhea caused by the basic hygiene level of drinking water and sanitation.
- Modeled clusters by using **K Means algorithm** on Python to sort out different groups of countries that had the same level of hygiene in drinking water. Used Map clustering to represent the groups of those countries on a world map
- **Built Naïve Bayes, Linear Regression and Logistic Regression** in Python to find the good predictors that caused Diarrhea in 3 different regions (Rural, Urban and National) in each country.

Data Visualization, Data Mining and Statistical Consulting - Depression, Anxiety and Stress Survey

- Conducted exploratory data analysis to understand the flaws of the survey conducted by Open Source Psychometrics Project.
- Created an ANOVA table on R to accurately measure the time taken based on the position and type of questions asked on the survey.
- EDA produced on R to identify the delays in time created by 40000 subjects that have taken the survey.
- Presented the project to the faculty and got selected amongst the top 5 projects of the term amongst other projects