**AMIT NAIK**

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**EDUCATION**

**Syracuse University May 2020**

Master of Science in Information Management

Coursework: Data Analytics & Visualization, Database Administration & Management, Lean Six Sigma

**K.J Somaiya College of Engineering Jun 2017**

Bachelor of Engineering in Electronics and Telecommunication

Coursework: Object-Oriented Programming, Neural Networks, Statistics, Applied Mathematics

**PROFESSIONAL EXPERIENCE**

**Process Improvement Analyst Feb 2020- Present**

Morse Manufacturing Co., Inc

* Implementing a lean Six Sigma (DMAIC) process to reduce the lead-time of machines and improve customer satisfaction.
* Gathering requirements and planning the scope of the project by interviewing stakeholders for the improvement process.
* Implementing statistical analysis such as correlation, t-test and hypothesis testing in Minitab to analyzebottlenecks.

**Data Analyst Intern (Tableau Developer) Jul 2019- Dec 2019**

SalesGlobe Inc

* Automated the manual reporting process from Excel to Tableau dashboards to facilitate business strategy improvement.
* Created dashboards in Tableau for tracking KPI’s & key metrics reducing reporting time from 10 hours to under two hours.
* Queried clients CRM data using SQL and implemented stored procedures which improved performance by 10%.
* Collaborated with 3 plus consultants for creating recommendations and executive level presentations for clients.

**Product Business Analyst Oct 2018- May 2019**

iConsult Collaborative, Syracuse University

* Gathered and translated the requirements into technical specifications for the website and introduced a group calling feature.
* Conducted usability studies, research and market analysis for determining the technology stack for implementing the system.
* Collaborated with cross functional teams to create user stories for the website in Agile and designing the database for system.

**PROJECTS**

**Marketing Analytics (A/B Testing) Jan 2020**

* Performed A/B Test for a Coffee chain to measure the impact of new introduced items in the menu to the overall sales.
* Decided the target variables, control variables and the design of the experiment (matched pair) for performing the analysis.
* Analyzed the historic data, data of treatment and control group to determine if menu changes should be applied to all stores.

**Data Analysis & Data Visualization- Airline Data (Excel, Python, Tableau) scripting Dec 2019**

* Collected data from disparate sources to provide data-driven suggestions for airlines to improve customer satisfaction.
* Identified the KPIs using data modeling techniques (linear modeling, support vector machine, association rules) in Python.
* Created recommendations, reports and devised a customer retention model to improve the net promoter score of airlines.

**Database- Project Management System Jan 2019**

* Designed and created a database for project management to help in gaining knowledge and status of the ongoing projects.
* Modeled data using normalization techniques to reduce data anomalies to produce personalized and dynamic reports.
* Created custom reports using SQL queries and created a user interface in Access to optimize user experience.

**TECHNICAL SKILLS**

**Programming Languages & Databases**: Python, R, HTML, CSS, JavaScript, SQL Server, PostgreSQL

**Tools:** MS Access, Excel (Power Query, Power Pivots, Pivot Tables), Tableau, SQL, Google Analytics, MS Power BI

**Big Data & Cloud**: Airflow, Spark, AWS, GCP

**Machine Learning Algorithms**:Regression, Random forest, XGBoost, KNN, GBM, Boosting, Clustering, Time-Series

**CERTIFICATIONS**

Front -End Web Development **Sep 2017**

Google Analytics **Feb 2019**