**Rohan Sanas**

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| **EDUCATION:** | **Stevens Institute of Technology,** Hoboken, NJ | **December 2016** |
|  | **Master of Science in Information Systems, Business Analytics Concentration**. | **GPA: 3.7** |

**Courses**: Multivariate Analysis using SAS, Financial Decision Making, Knowledge Discovery in Databases using R,

Risk Management Analytics, Data Visualization, Project Management Fundamentals.

**Smt. Kashibai Navale College of Engineering**, University of Pune, India **June 2012**

**Bachelor of Engineering in Information Technology GPA: 3.5**

**Courses**: Information Security, Data Structures, Design and Analysis of Algorithms, Object Oriented Programming,

Discrete Structures, Artificial Intelligence, Operating Systems.

**SKILLS: Tools:** Excel Analytics, R Studio, Tableau, SAS JMP, SAS Enterprise Miner, MapReduce.

**Programming Skills:** Python (numpy, sci-kit, Pandas, Matplotlib), Java, R,TSQL, Base SAS.

**Databases:** MySQL, Postgres, AWS, NoSQL, Hadoop.

**Key Skills:** Requirement Analysis, Statistical Modeling, Business Reporting, Data Visualization, Data Analysis.

**MOOCs:** BCS certified Business Analyst, Inferential statistics, Machine Learning, Python Programming, Data Analysis using

MySQL, Excel Analytics, Project Management Fundamentals.

**EXPERIENCE: LinkIt!** New York City, New York. **June 2016-Dec 2016**

**Data Analyst.**

* Estimated an additional $40,000 in Revenue by implementing analytics reports for New Client acquisition.
* Performed advanced Excel functions such as conditional summation, advance VLOOKUP/index-match, VBA scripts to increase efficiency in report generation by 25%.
* Developed Linear Regression models in R to predict student/Teacher growth and improved accuracy by 3-4% using transformation techniques.
* Optimized LinkIt navigator models using Excel analytics techniques to reduce runtime by approximately 15%.
* Created Tableau dashboards to highlight key areas of improvement in Student Growth.
* Created Automation Models for Data Processing activities to reduce runtime and errors by 20%.
* Analyzed, Transformed, and loaded data using SQL, utilized this data for model building and visualization in R.
* Performed UAT on Navigator models as well as LinkIt! product interface after implementing change requests.

**Accenture India Pvt Ltd,** Pune, Maharashtra, India **June 2012-July 2015**

**Software Engineering Analyst**

* Led a small team as a lead consultant to provide a detailed analysis of KPI reporting activities to clients.
* Accomplished reduction in the incident count by more than 50% by implementing the automated process.
* Created and optimized different forecasting models including seasonal, trends, cross chain and multivariate.
* Translated Analysis into Strategic recommendations for business process optimization using Analytics.
* Analyzed millions of product records and built excel models based on analysis to reduce errors by 15%.
* Developed interactive visualization reports with business insights and presented it to executive management.
* Prepared functional and technical documents for new change requests and implemented it along with developers.
* Performed Requirement Elicitation and User Acceptance Testing for Business process change requests.
* Provided business consulting and support services to ensure 99% success rate in current business process run.

**Projects: Predictive Analysis of Credit Card Defaulters:**

* Performed feature engineering on 150,000 records of credit card defaulter data using SQL and SAS.
* Built a logistic regression model to predict a probability of a person who will be credit card defaulter, achieving an accuracy of 75%.

**Data Warehousing and Business Intelligence to target credit sale of credit cards:**

* Developed a dimensional model considering current business process to increase sales of credit cards.
* Built a dashboard using Tableau which displayed stats of credit card sales based on city, age and marital status.

**Project Management Fundamentals: Outreach.**

 Prepared a full project plan starting from requirement elicitation, analysis, modelling and testing for school.

 Implemented financial estimates along with risk matrices and timeline for the project.

 Presented this project in Business Process Management Professionals conference in Stevens Institute.

**Fraudulent customer profiling and loss estimation:**

* Analyzed, cleaned over 1.2 million of records containing fraudulent customer transactions using SQL, R, Alteryx.
* Built a clustering model to identify fraudulent customer behavior and visualize those profiles using Tableau and R.
* Estimated loss over time due to these fraudulent transactions by using Prediction model in R.