

Vindhya Govindaraju

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OBJECTIVE

Analytics professional with 2+ years of management and technical expertise in data analysis and statistical modeling. Exposure to complete life cycle of predictive models from data extraction, cleaning, visualization, development and implementation to business insights reporting.

SKILLS

Analytics Tools

- SQL
- SAS
- JMP
- R
- MS Excel
- MS Access
- Macros
- Minitab
- Spotfire
- Lingo

Visualization Tools

- Tableau
- Power BI
- Maptitude

Statistical Techniques

- Linear Regression
- Logistic Regression
- Naïve Bayes
- Decision Trees
- Random Forests
- Linear and Nonlinear optimizations
- Natural Language Processing
- SVM

Project Management

- MS Project
- MS Visio
- VTIGER

CERTIFICATIONS

- Lean Six Sigma Green Belt, KPMG
- SQL, Lynda
- Tableau, Lynda

EDUCATION

Northeastern University | Boston, MA

Sept 2016 - Aug 2018

Master's in Engineering Management, **GPA: 3.47/4.00**

R.V. College of Engineering | Bangalore, INDIA

Sept 2010 - May 2014

Bachelor's in Information Science and Engineering, **GPA: 3.82/4.00**

WORK EXPERIENCE

JOHN HANCOCK FINANCIAL SERVICES

Jan 2018 - June 2018

Business Analyst Co-op

- Monitoring rerate and payment process of Long Term Care Insurance a \$50M program with a \$450M return on investment, for over 800k policy holders preventing overpayment of commission to clients.
- Created stories on Rally to monitor project progress, cost and resource assignments for projects.
- Reduced delivery time of commission reports to clients by creating metric specific visualizations using Tableau.
- Simplified commission calculations by redesigning scorecards and dashboards using Power BI.
- Synthesized and transformed data into actionable items for affinity partners and provided ongoing reporting support.

SLICEPAY

Jan 2016 - July 2016

Risk Analyst

- Led a team of 4 and organized review meetings and conferences and presented weekly progress.
- Enhanced the risk & policy framework for loan portfolio and planned the infrastructure to enhance fraud detection.
- Created dashboards to analyze fill rates, backorders in Tableau resulting in the improvement in the metrics.
- Employed the CRM tool (VITIGER) to keep track of customer profiles.
- Conducted data audits, quality checks to support improvements and maintained default rate < 2%.

ACCENTURE

Aug 2014 - Dec 2015

Associate Software Engineer

- Designed, built, and tested SAP ERP application extensions, including customized reports, interfaces, and forms using ABAP.
- Translated business and functional requirements into cohesive technical specifications using analytical and technical skills.
- Collaborated with other developers, analysts to gather requirements, provide status updates, participate in code reviews and team meetings, and collaborate on cross-platform data sharing solutions using communication skills.
- Worked with different teams such as Basis, BW/BI, CRM to test applications for optimized performance and integration.

PROJECTS

Allstate Insurance Purchase Prediction (Predictive Model | SAS – JMP)

- Performed data analysis on 600,000 records of insurance purchase data.
- Cleaned and processed the data to obtain purchase trends.
- Identified customer win-back strategy by utilizing techniques such as Random Forests, Linear Regression, and Neural Networks, which has potential incremental revenue of \$0.2 M annually.

Cyber Crime Data Integration and Analysis (SAP Lumira BI Solution, SAP Visual Intelligence, SSIS)

- Huge volumes of data pertaining to cyber-crime was cleaned and filtered.
- It was then subjected to SSIS (SQL Server Integration Services) for data integration.
- Visualizations were generated in the form of graphs and other reports.

Database Design for Target Retail Application

- Designed a relational database schema using TOAD data modeler.
- The complete process of the Target store was managed from the central database.
- Analyzed query results and generated reports which helped the retail organization to evaluate their sales.