

VENKATA RAVI RAJKUMAR SONTI

Achievement driven professional targeting for assignments in **Data Analytics/Machine Learning/Data Science** with an **IT** organization of repute



Profile Summary

- Multi-faceted professional **with over 12 years of work experience**, possessing knowledge in **Data Cleaning, Processing and Implementing Machine Learning Algorithms**
- Skilled in **gathering inputs** from users & leveraging given data for creating reliable algorithms that predict future behavior
- Gained experience in analyzing complex, high-volume, high-dimensionality data from varying data sources
- Developed data-driven insights & solutions with advanced analytics (machine learning, deep learning and statistical models) to **extract insights from large proprietary data sources**; responsible for implementing data mining and statistical analytical solutions to various business problems such terminal testing services, supply chain optimization, demand forecasting, and vendor management
- Experience with common **Data Science toolkits**, such as **Python, SLQ, and Tableau**
- Proficiency in **Logistic and Linear Regression Liner, Support Vector Mechanism, Naive Bayes, and NLTK Naive Bayes**
- Experience with Data Science tools including **Big Query (GCP), Python (Jupyter Notebook and Collaboratory), Denodo, and Datameer**



Education

- B.Tech. (Mechanical Engineering), Pondicherry University, 2008



Work Experience

Deputy Manager, Vodafone Shared Services Pvt. Ltd.

Key Result Areas:

- Designing and developing machine learning systems
- Implementing appropriate ML algorithms, like:
 - NLP methods to conduct text analysis
 - Machine Learning models (Logistic, Linear, SVM, and Naive Bayes) on data for classification of data
- Performing:
 - Data Visualization using Tableau 10 and its integration with Denodo and GCP for presenting insight reports
 - EDA using statistical modelling techniques to understand data to draw insights out of data
- Understanding business objectives and developing models that help to achieve them, along with metrics to track their progress
- Selecting appropriate datasets and data representation methods
- Formulating problem statement while understanding the requirements
- Conducting EDA, statistical analysis, and acquisition of data
- Managing both internal and external stakeholders of the project

Highlights:

- Received appreciation from manager for framing test lifecycle operation and managing 80+ device manufactures, testers & product owners
- Implemented data flow from JIRA to Denodo and GCP environment for data analysis, VSSI, 2016
- Created an elaborate text mining pipeline to clean & process large unstructured datasets to reveal high quality information and hidden insights using statistical techniques



Contact



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Core Competencies

- Data and Quantitative Analysis
- Data Regression Analysis
- Data Extraction, Cleansing, Modelling
- Machine Learning Algorithms
- Stakeholder & Vendor Management
- Requirements Gathering & Analysis
- Information Quality Assurance
- Project Execution
- Forecasting/Predictive Modelling



Technical Skills

- Google Big Query
- Python
- Machine Learning Techniques
- Tableau
- SQL
- Spend Analytics



Certifications

- Business Analytics with Excel, Simplilearn, 2018
- Business Analysis Foundation, LinkedIn Learning, 2019
- Data Visualization, Kaggle, 2020
- Python Basics Certification, VSSI, 2018
- Statistics Foundation I, LinkedIn, 2019
- Statistics Essential for Data Science, Simplilearn, 2019
- Tableau Essential, LinkedIn Learning, 2020
- Data Story Telling & Visualisation, VSSI, 2018
- Data Science on Google Cloud Platform: Building Data Pipelines, LinkedIn Learning, 2020
- Data Science Foundation and Fundamentals, LinkedIn Learning, 2019
- Introduction to Machine Learning and Intermediate Machine Learning, Kaggle, 2020
- Lean Six-Sigma White Belt, VSSI, 2017

Process Specialist, Infosys BPO Pvt. Ltd.

Key Result Areas:

- Designed and maintained outline agreements, post negotiations
- Performed thorough analysis on the purchasing data and collaborated with sourcing and P2P teams for Bid Analysis
- Recognized savings across entire operations
- Interacted with clients collaborating with purchase and finance teams to understand analytics, reporting, and service scope for entire purchase and finance

Spend Analyst, Global eProcure

Key Result Areas:

- Implemented spend analysis for procurement of data for clients like Pharma, IT, Power, and FMCG
- Conducted quality check and Spend Analysis (data cleansing, classification and publishing) of the data provided by client

Purchase Engineer, Venkateshwara Paper Board Pvt. Ltd.

Key Result Areas:

- Managed end-to-end procurement operations for the plant and vendors



Personal Details

Date of Birth: 10th June 1984

Languages Known: English, Hindi, and Telugu

Address : 7 Nav Prachi Apartments, 445/11A, Karve Nager, Pune
-411052, Maharashtra



Career Timeline

Jun'08-Dec'11

Purchase Engineer, Venkateshwara Paper Board Pvt. Ltd., Rajahmundry

Dec'11-Jan'13

Spend Analyst, Global eProcure, Hyderabad

Jan'14-Nov'15

Process Specialist, Infosys BPO Pvt. Ltd., Pune

Since Nov'15

Deputy Manager, Vodafone Shared Services Pvt. Ltd., Pune

Annexure: Project Details

EDA on Terminal Testing Operations Data, VSSI, Pune

Designed data flow pipeline from JIRA-Denodo-Tableau. Extracted Data from systems, conducted EDA and applied Statistical methods to draw insights and publishing reports to the product owners. Reduced operational cost on the test cycle by introducing new tools into the system.

Implementing Text Analysis on the Device reviews, VSSI, Pune

Implemented BOW, TF-IDF on the reviews. Implemented Machine Learning models to classify the positives and negatives. Identified regular failing tests and projecting to Product Owners. Identified 60 insignificant testing steps which impacting release and launches and reduced cost.

Preparing dashboards of the Terminal Testing, VSSI, Pune

Extracted testing data from Denodo to Tableau. Prepared calculated fields to draw insight. Prepared dashboards for Product Owners, Vendors and Project Stakeholders. Prepared test lifecycle project cost dashboards for payments.

Bid Analysis, Infosys BPO Pvt. Ltd., Pune

Conducted detailed bid analysis for the MRO, IT-Telecom services & HR Vendors.

Spend Analysis, Infosys BPO Pvt. Ltd., Pune

Conducted detailed Spend Analysis for the overall purchases. Bifurcated data into 80-20 to segregate top 80% spend

Spend Analysis, Global eProcure, Hyderabad

Conducted detailed spend analysis for clients: ACS- American Cancer Society, Bayer's, NetApp Adobe, and PPL- Pennsylvania Power Limited

Text Analysis on DonorsChoose.org Dataset, Personal Project

Conducted EDA on Donors Choose dataset. Performed text analysis and implementing Naive Bayes algorithm for classification.