

CONTACT ME

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AREAS OF EXPERTISE & INTERESTS

- Python, shell scripting, SQL, PySpark, R
- Machine Learning, Deep Learning, Text Analytics
- Linear Regression, Logistics Regression, K Nearest Neighbors, Support Vector Machines, K Means Clustering, Ensemble Methods: Bagging, Boosting, Random Forest, XG Boost, Light FM, Naïve bays, and decision tree.
- Hadoop ecosystem
- Jupyter Notebook
- MySQL, Hive, Impala, Oracle, Teradata
- Rest APIs
- Cloud Solution
- Linux & Windows

PERSONAL SKILLS

- Ability to mentor and lead team
- Quick to adapt for changes
- Critical thinking skills
- Good Analytical Skills
- Ability to co-ordinate with internal and external stakeholders at various levels.
- Driven by process and result oriented to achieve the planned targets.

Vinod Karyagol

Senior Lead Data Scientist, Comviva Technologies, Bengaluru || 7 Years of Experience

Senior Lead data scientist familiar with gathering, cleaning, and organizing data for use by technical and business personnel with advanced understanding of analytical and big data technologies. 7 years of experience in analytics wherein I have worked on solving various problems related to CVM using data science. Highly accomplished in driving profitability in customer marketing for multiple clients across the globe by closing working with multiple teams and stakeholders up to the level of Senior Director(s) of Marketing.

Current Employment & Experience Summary

Senior Lead Data Scientist (7 Years)

Comviva Technologies Pvt. Ltd, Bengaluru.

- **Bundle Subscription (Renewal) Prediction** - Built classification model which can accurately predict the probability of a customer subscribing or renewing their bundle with 85% precision and recall.
- **Next Best Offer recommendation** - Built hybrid recommendation engine to recommend next best top N offers for each customer of up to thirty-five million customer bases.
- **Universal Control Group** - Created universal control groups out of addressable base of subscribers to measure campaign performance for multiple clients of customer base from five million to sixty million using stratified random sampling, statistical tests, and segmentation.
- **Subscriber Next Recharge Prediction** - Build machine learning based classification models to predict the next recharge value and date of subscriber.
- **International Roaming Prediction** – Build statistical and data science-based model to predict international roamers from highly imbalanced dataset.
- **Worked on-site with two clients in middle east and south-east Asia** to understand customer pain points and provide end to end analytical based solution to improve their business in terms of customer retention, ARPU, NIR and campaigns profitability.
- Advance Churn Prediction Model (Inactivity days, dormancy churn)
- Micro segmentation using customer behaviors using unsupervised techniques
- Text Analytics: Sentiment Prediction Model.
- Facebook data collection using respective APIs and webhooks.
- **Worked upon creation of Multiple RFP (Request for proposal) and presales work for data science, Delivered solutions for around 40+ clients across the world.**
- Deployed end to end analytical and big data solutions both on cloud and on premise.
- Published three proof of concept papers in the unit as a part of KRA
- Currently handling 4+ customer deliverables of AI/ML.
- Have managed team of 4 people where in daily data science operations involving MLOps and KPIs related to machine learning and business were monitored and reported.

EDUCATION & CREDENTIALS

- **Bachelor of Technology (H)**
Computer Science, University Visvesvaraya College of Engineering – Bengaluru
- **Intermediate**
GPUC, Majalatti || 88.33%
- **Matriculation**
MDRS Nidasoshi || 91.36%