

Varun V

Data Scientist

Worked across Insurance, Retail, Food Services distribution, Banking and Transportation industries. Proficient in R, with fair working knowledge of most other languages/platforms. Prefers an ensemble of xgboost, rf and simple dnn from h2o for most classification and regression problems

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📍 Bangalore, India

📅 24 January, 1993

WORK EXPERIENCE

Data Scientist

Mu Sigma [↗](#)

05/2015 – Present

Bangalore

- One of the largest pure play analytics firms in the world -

Projects

- Setup a global analytics center alongside a customer churn project, creating a simple logistic model to predict probability of churn in R, for the entire APAC business of the client. Insurance domain - (for 3 months, Policy and Administration)
- Created Excel VBA automation tools, Qlikview decision boards for one of the biggest life insurance companies. Also handled the discovery phase for their Russian business. Insurance domain - (for 10 months, Claims)
- Presales experience in retail and government transportation domains. One specific one being for a North American state DOT towards creating a strategic model for recommendation and prioritization of transportation projects, in partnership with a leading design consultancy firm. State Transportation domain - (for 3 months, Budgeting)
- Sales forecasting for a food services company, with automated batch forecasting of 22K models on an AWS cluster, as well as setting up the infrastructure to support future statistical modelling endeavors and 2 live Tableau dashboards. Data was pulled from Snowflake into R. Food Services Distribution - (for 4 months, Administration)
- Batch forecasting of new products and their corresponding cannibalization of existing products. Was also involved in incorporating/deploying them into the digital platform created by the sister team in parallel. Training and modelling was performed in R, and later translated to Python for deployment. Retail - (for 5 months, Operations)
- Novel project for a huge Swiss bank, involving generating synthetic test data for offshore app-development with minimal production touch points. Entire process from parsing the PL/SQL codes and workflow XML logs to generating the end test tables was performed in R. Banking - (for 3 months, Credit Risk IT)
- Consolidation project for a major footwear company towards integrating their manufacturing supply/demand Tableau dashboards and alteryx workflows. Data/Process QC modules were created in R. Footwear/Apparel Manufacturing - (for 2 months, Manufacturing)

EDUCATION

B-Tech (Electronics and Communication)

Amrita College of Engineering/Coimbatore

2011 – 2015

GPA - 7.77

SKILLS

First principles thinking

Classification

Design Thinking

Machine Learning

Forecasting

Pre-Sales

Cross industry business acumen

Consumption driven problem solver

XGBOOST in R

H2O in R

Ranger RF

Decision Trees

SOCIAL PROFILES

LinkedIn [↗](#)

- Detailed description on all projects updated here

Kaggle [↗](#)

- Participated in multiple regression and classification competitions
- DonorsChoose - 347/581
- WIDS - 48/231

StackOverflow [↗](#)

PLATFORMS/LANGUAGES

R

Advanced

Python

Fair Working Knowledge

SQL

Fair Working Knowledge

Tableau

Intermediate

Qlikview

Fair Working Knowledge

Excel VBA

Fair Working Knowledge

Teradata/Snowflake

Intermediate

Alteryx

Fair Working Knowledge