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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WORK EXPERIENCE

Data Scientist
Mu Sigma ⧉

05/2015 – Present   *Bangalore*
- One of the largest pure play analytics firms in the world -
Projects

- Delivered a customer churn project, creating a simple logistic model to predict probability of churn, 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   Programming proficiency

Design Thinking   Machine Learning   Forecasting

Pre-Sales   Cross industry business acumen

Consumption driven problem solver   XGBOOST in R

H2O in R   Ranger RF

SOCIAL PROFILES

LinkedIn ⧉

Kaggle ⧉
- DonorsChoose - 347/581
- WIDS - 48/231

StackOverflow ⧉

PLATFORMS/LANGUAGES

R	Python
Advanced	*Fair Working Knowledge*
SQL	Tableau
Fair Working Knowledge	*Intermediate*
Qlikview	Excel VBA
Fair Working Knowledge	*Fair Working Knowledge*

INTERESTS

Kaggle   Video Games   Football   Music curating

Travelling   Learning new technologies