

Contact

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Top Skills

Business Analysis

Analytics

SQL

Languages

Hindi

English

Tamil

Certifications

Data Structures and Algorithms

Deep Learning: Recurrent Neural Networks in Python

Pyspark for Big Data

Publications

DYNAMICS OF INDIA'S TEA PRODUCTION: AN ECONOMETRIC ANALYSIS

Varun Nathan

Lead Data Scientist at Freshworks Inc. (formerly Freshdesk)
Chennai

Summary

I am a numbers enthusiast with aspirations of being part of a world class organization doing hardcore quantitative data analysis and number crunching. I am passionate about solving complex business problems using cutting edge statistical and machine learning techniques and learning new technologies.

Experience

Freshworks Inc. (formerly Freshdesk)

Lead Data Scientist

May 2018 - Present (2 years 4 months)

Chennai Area, India

Areas of work:

- > Building Information-Retrieval based chatbots for Freshdesk
- > Document clustering of support tickets
- > Keyword/phrase extraction and topic modelling of customer queries
- > Intent detection and entity extraction for chatbots
- > Improving the quality of speech transcriptions using language modelling and soundex algorithm
- > Training conversational bots with dialog management capabilities using open source frameworks such as Rasa
- > Interest model for predictive lead scoring for freshsales

Kabbage, Inc

3 years 4 months

Senior Data Scientist

October 2015 - May 2018 (2 years 8 months)

Bangalore

Roles and Responsibilities:

1. Building credit risk models for Kabbage and its partners
2. Data Engineering - engineering the data science pipeline that 's setup on python with new facilities

3. Assessing the importance of new sources of information (revenue channels) in new customer and returning customer credit risk models
 4. Model Monitoring - monitoring models of Kabbage and partners
- Tools used at work include Python, R, Hadoop, AWS, SQL and hive

Data Scientist

February 2015 - September 2015 (8 months)

Chennai Area, India

I was part of the data science team of Kabbage in India

Credit Risk Management - Developing application & behavior scorecards

Portfolio Management

Marketing Analytics - Channel Optimization, Designing line & price campaigns, loyalty campaigns

Long Term Customer Value Estimation - Estimating long term profits of new & existing customers with the aim of using them in new customer underwriting, line and price assignment strategies, marketing campaigns etc.

Hewlett-Packard

Data Scientist

July 2013 - February 2015 (1 year 8 months)

Campaign Analytics - Assessing campaign effectiveness, modelling sales etc.

Discount Optimization

Labour Demand Supply Management

Cognizant Technology Solutions

PROGRAMMER ANALYST

July 2010 - June 2011 (1 year)

Chennai

Software Testing

Education

IISc

Master's Degree, Statistics and Analytics · (2011 - 2013)

Anna University, Coimbatore

Bachelor's Degree, Chemical Engineering · (2006 - 2010)

Sri Sanakra Senior Secondary School, Chennai

XII, Maths, Physics, Chemistry, Biotechnology and English · (2005 - 2006)

