Shreya Priya

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Introduction

Over all 3.5 years of industry experience in Analytics and Machine Learning.In span of three years I have gained exposure to projects of significant industries like Retail, HealthCare and Human resources.

SKILLS

- Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization

- Concepts: Deep Learning ,Statistics, Data Mining, Predictive Modeling, Machine Learning, EDA (Exploratory Data Analysis), NLP (Natural Language Processing), Linear Algebra, Graph Theory, Bayesian Networks, Topic Modeling,

- ML/Data Mining/Statistics Tools: MINITAB, Weka, KNIME, sklearn (Python), MATLAB, H2O, Azure ML

- Languages: R, Python

- IDEs: Jupyter Notebooks, RStudio

COURSES

- Deep learning specialization by Andrew Ng in Coursera (Pursuing)

- Machine Learning by Andrew NG - Oct 2015

- Machine Learning Foundations: A Case Study Approach

WORK EXPERIENCE

Techno soft Corporation, Bangalore - Data Scientist   Jan 2017 onwards

- **ICD10**

The International Classification of Diseases (**ICD**) is the standard diagnostic tool for epidemiology, health management and clinical purposes.This project that emphasized on Natural Language Processing of text inputs, creating statistical models and predicting ICD codes from Chief complaints received by patients. Overall accuracy of 93 percent was received with predictions being 4 percent cases with erroneous predictions and 3 percent cases that couldn't be predicted.

- **CAC**

CAC was highest revenue generating project given to Techno Soft Corporation. I was involved since inception to release of project. The Model predicted Level of service and medical attention patient demands in hospital through analysis of text inputs given by paramedics' team. Model in release had accuracy of 96% while predicting medical emergencies of patients.

Analytix Labs, Gurgaon - Data Analyst   June 2015 – Nov2016

Predictive Diagnosis

- Discovering Pattern for disease detection and predicting heart attack using Clustering

Pricing Optimization for a Leading Retail Chain

- Define product strategy and pricing policies of London's leading electronics retail chain that will maximize company's projected revenues in 2016.

Automating reviews in Medicine

- Using concept of text analytics and modeling to figure out meaningful information out of medical publications by preparing ML model.

Souq.com, Bangalore - HR Analyst   June 2014 -

May2015

Staffing/Workforce Management

- Workforce Expansion of Souq-India.
- Predictability and Reneging Analysis from Offer Accept to On-boarding.

ACADEMICDETAILS

MBA (PGDM) – Business Entrepreneurship

- *Entrepreneurship Development Institute of India – Ahmadabad, Gujarat (2014, 3/4)*

BE Information Technology

- *Bhilai Institute of Technology (BIT), Chhattisgarh (2012, 8.01/10)*