Revathi Prabhala

Personal

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A postgraduate with specialisation in business analytics and 3+ years experience in test-driven software development, technology consulting, data science and stakeholder management. Passionate about projects in machine learning, deep learning and natural language processing. Seeking an opportunity to utilise my skills for developing analytical business solutions.

Work experience

Consultant
Nov 2016 - Sep 2019

Deloitte, Hyderabad

- Independently developed promotions for a Java based web application that increased customer business by 60% in the first week of its launch on production for an agile software project.
- Debugged and resolved 5 high priority and 13 medium priority defects in a monthly production support Rota.
- Collaborated with technical teams working from three different countries to deliver an end-to-end REST API integration.
- Presented key deliverables to functional teams and product owners every sprint as a part of an agile project.
- Received “applause award” consecutively for two quarters for delivering engaging demos and impactful results to our clients.

Education and Qualifications

Master's in Business Analytics (Merit)
Sep 2019 - Sep 2020

University of Edinburgh, Hyderabad

- Applied regression, classification among other ML techniques to predict flight delays and cancellations with low RMSE values.
- Achieved an optimality gap of 2% for a solid waste disposal problem.
- Performed sentiment analysis on scrapped Twitter data to identify top collaborators and potential new markets for the client and increase sales by 30%.
- Predicted Berlin house prices with an 80% accuracy using Random Forests. (Kaggle dataset).

Bachelor of Engineering (80.3%)
Aug 2012 - May 2016

Osmania University, Hyderabad

Courses

Deep Learning Nanodegree

Udacity

- Built a CNN to classify images from scratch for an imbalanced data set of 133 classes with 14% accuracy (for a baseline of 10%).
- Fine tuned ResNet to classify dog breeds with 81% accuracy.

Skills

- Data Science : Statistical Analysis, Business Analytics, Sentiment Analysis, Regression Analysis, Machine Learning models (Linear and Logistic regression, Decision Trees, Random Forests, Naive Bayes, PCA, Clustering, SVM, CNN, RNN), Clustering, Visualisation using Python Libraries
- Programming Languages and databases : Python and ML libraries (Numpy, Pandas, PyTorch, Scikit-learn), SQL, Python
- Version control : Git, Jenkins
- CI/CD, containerization and orchestration frameworks : AWS (EC2, S3), Docker
- Operating Systems : Unix/Linux