

Revathi Prabhala

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SUMMARY

A postgraduate with specialization in business analytics and 3 years' experience in test-driven software development, technology consulting and stakeholder management. Short term project experience in data modelling, natural language processing and programming using python.

EDUCATION

- **University of Edinburgh**, Edinburgh, Scotland
Master's in Business Analytics (Merit) September '19 – September '20
 - Relevant Modules: Python Programming, Predictive Analytics and Modelling of Data, Mathematical Programming, Web and Social Network Analytics and Reinforcement Learning
 - Mathematically formulated and optimised garbage transportation with 2% optimality gap.
 - Performed various tests such as ANOVA, T-test, Chi-Square test, G-test on road accidents data in the UK to identify patterns affecting accidents and casualty using python libraries such as NumPy and Pandas. Dataset size: 2m+ and 34 variables.
 - Applied machine learning techniques such as regression and classification to predict flight delay and cancellations based on US airline data by using python packages like NumPy and Pandas with low RMSE values. Dataset size: 4m+ and 21 variables.
- **Vasavi College of Engineering, Osmania University**, Hyderabad, India
Bachelor of Engineering, Information Technology (81%) August '12 – May '16
 - Relevant Modules: Database Management, Object Oriented Programming, Software Engineering, Data Structures, Operating Systems, Digital Image Processing, Theory of Automata, Linear Algebra

PROJECT EXPERIENCE

- **Bike Sharing Prediction** | [Github URL](#)
 - Trained a neural network to predict daily bike rental ridership with a training loss of 0.054 and validation loss of 0.149.
- **Mara Seaweed**, Edinburgh, Scotland
Analyst January '20 – March '20
 - Analysed site engagement and user behaviour patterns using Google Analytics for the client's e-commerce platform and provided suggestions to optimise user journey.
 - Performed sentiment analysis on scrapped Twitter data using python and identified top collaborators and potential new markets for the client and thereby burgeon sales by 30%.
- **Deloitte Consulting USI**, Hyderabad, India
Digital leap, Consultant November '16 – September '19
 - 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.
 - Collaborated and communicated with technical teams working from three different countries for delivering an end-to-end REST API integration between SAP Hybris, MuleSoft and Salesforce.
 - 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.
- **Deloitte Consulting USI**, Hyderabad, India
Firm Initiative March '19 - May '19
 - Volunteered to gather, identify and communicate functional requirements to stakeholders for a firm-maintained intranet platform accessed by more than 40,000 users.
 - Used SQL queries to find relevant data and reported bi-weekly data analysis findings for the intranet platform mentioned above to senior management.