

Amirthavarsinipriya

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CAREER OBJECTIVE

To have a growth oriented and challenging career, where I can contribute my knowledge and skills to the organization and enhance my experience through continuous learning and teamwork. I am quick to grasp new ideas and concepts, and to develop innovative and create solutions to problems.

PROJECT WORK

Project 1: AIRFARE PREDICTION

Tool: R Studio – R shiny

RMSE: 284.75 - To predict airfare, as travel is popular these days, with different air ticket booking channels, travellers are trying to make sense and understand how airlines price their tickets over time. I want to explore previous airfare data and build a model to predict the price fluctuations over time so that the consumer could benefit from it. To identify dependency over many endogenous variables. I got the least possible RMSE and the model should be deployed using Rshiny.

Project 2: IMPACT PREDICTION

Tool: R Studio – R shiny

ACCURACY:99.26% - The dataset is having incidents raised by customers, which contains an event log of an incident management process extracted from a service desk platform of an IT company, I tried various types of Classification Algorithms to get the best accuracy after doing EDA, I observed that impact is highly imbalanced So, I decided to balance the training data and with balanced data we implemented all the models with different parameters. At last we got good accuracy in Random Forest, so we select Random Forest as the best model and deployed the model using Rshiny.

P.S.: project uploaded on github: <https://github.com/Amirthavarsinipriya>

CERTIFICATIONS

- Received certification for successful completion of course in DATA SCIENCE from Excelr Solutions
- Received certification for successful completion of internship in DATA SCIENCE and BUSINESS ANALYTICS from The Sparks Foundation.

TECHNICAL SKILLS

- Machine Learning – Algorithms for Regression (Linear, Logistic), Classification (Decision Trees, Random forest, Naïve Bayes, K-NN, PCA, Clustering (k-means, Hierarchical)).
- R - Implemented ML Algorithms, used packages like dplyr, ggplot, caret, mice, dummies.
- Python - ML Algorithms, using packages like Numpy, Pandas, SciPy, Scikit-Learn, Statsmodels, Matplotlib, Seaborn.
- Natural Language Processing – Text Processing, Sentiment Analysis.

- Tableau- Data Visualization.

PROFESSIONAL EXPERIENCE

- | | |
|---|-----------------------|
| • Educational Advisor
IMS, Bangalore. | April 2016 - Feb 2018 |
| • Student Counselor
ISMS, Bangalore | Dec 2015 - April 2016 |
| • Assistant Professor
Nandha College of Technology, Erode. | July 2013 - July 2015 |

QUALIFICATION

- | | |
|---|------|
| • M.E, Applied Electronics
Nandha Engineering College – Erode, Tamilnadu
80% aggregate. | 2013 |
| • B.E, Electronics and communication engineering
SSM College of Engineering – Namakal, Tamilnadu
80.2% aggregate. | 2011 |

PAPER PUBLISHED

- “Classification of Retinal Images Using Improved Adaptive Fuzzy C-Means Clustering Algorithm” - IJARECE, Journal.

PERSONAL VITAE

Gender	- Female
Marital Status	- Married
Languages	- English, Tamil
Nationality	- Indian
Residential Address	- No. 16/2, 2nd Floor, 2nd Cross, 4th Main Link Road, Coconut Garden Street, Madiwala. Bangalore -560068, Karnataka.

DECLARATION

I do hereby confirm that the information given in this resume is true to the best of my knowledge.

Date:

Yours truly,
A.Amirthavarsinipriya