PRANJAL SHANDILYA

Data Science Consultant

Proven experience in Data science role and Passionate about Machine Learning and Analytics for business strategy and decision making!

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WORK EXPERIENCE

Decision Scientist- Consultant
Fractal Analytics (fractal.ai)

07/2021 - Present *Bengaluru, India*

Achievements/Tasks

- Product design of time series models to predicts sales volume of a CPG account
- Net Revenue Management Analysis, Food and Refreshment industry, Fabric Solutions for European, Asian and Southern american region
- Developing fucntions for web-scraping data and eye ball competitor analytics

Aftersales Product Analyst
Renault Nissan Technology And Business Centre India Pvt. Ltd.

07/2017 - 08/2020 *Chennai, India*

Achievements/Tasks

- Received, cleaned, and prepped vehicle level CAN data from our client using SQL, and Excel to help Decision sciences team for preparing meaningful dashboards.
- Pitched a business model selected worldwide in Paris under CSR category to improve business and sustainability. Received excellence in meeting business goals by DVP.
- Responsible for developing Powertrain Diagnostic Codes for vehicles in South-Korea and Romania and delivering quality products to customers.

EDUCATION

Post Graduate Program in Data Science
Praxis Business School

08/2020 - 06/2021 *CQPI 6.32/8.0*

Courses

- Machine Learning, Deep Learning, Statistics, NLP
- Ranked 3rd for academic excellance, Best Capstone Project Award

B.Tech Automobile Engineering
Manipal Institute of Technology

07/2013 - 05/2017 *CGPA 7.95/10.0*

Project:

- Bachelor's Thesis: Advanced safety bumper for 4 wheelers.

SKILLS

Python | Machine Learning | SQL | Microsoft Excel | Google Data Studio | Tableau

PERSONAL PROJECTS

COVID-19 DETECTION USING X-RAY IMAGES (04/2021 - 05/2021)

- The objective of this project is to identify whether a person is COVID + given his X-ray image (posteroanterior view) available.
- Data collected from IEEE hosted GITHUB folio and Kaggle. Cross-referenced the image using a function and filtered out only the images where RT-PCR test came out as positive after testing and only the posteroanterior view of the images as in Normal X-ray dataset we have only posteroanterior image.
- Model is a traditional CNN with 3 ConV layers, all having pooling layers and ReLU as activation function. A dropout of 0.25 has been added to all the three dense layers in order to remove overfitting. The output layer has a single neuron unit with sigmoid function.
- GitHub Link

LOAN STATUS PREDICTION (02/2021 - 02/2021)

- Learned and identified the important features in the dataset with EDA and labelling the data according to ordinal and binary variables.
- Understanding the difference between different models used to predict the outcomes (Logistic model vs SVM).
- Github Link

BIKE BUYER'S PREDICTION (08/2020 - 09/2020)

- Learned the importance of Data wrangling by cleaning the raw data with missing value imputation techniques which helped us in obtaining better features. Data visualization and storytelling helped us in gaining better understanding of the data. We used Univariate, Bivariate and multivariate analysis to explore the hidden insights. Used k-NN and Decision Tree Classification algorithm for model.
- Github Link

CERTIFICATES

Microsoft Azure Fundamental - Fractal Certified (07/2021)

Fractal Analytics Academy

CutShort Certified Deep Learning - Basic (05/2021)

Credential URL

Paper Published in ICBAI @ IISc Bangalore on Prediction of Hit Hindi songs science (12/2021)

(PDF) Predicting the Commercial Success of a Hindi Song (researchgate.net)

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency