Faraz Akhtar

AWS Certified
frzkhtr.github.io | +91 7277 326 914 | frz.iitkgp@gmail.com

EDUCATION

IIT, KHARAGPUR
Dual Degree (M.Tech + B.Tech)
Biotechnology
2015 - 2020

LINKS

Facebook:// **frzkhtr**
Github:// **frzkhtr**
LinkedIn:// **frzkhtr**
Website:// **frzkhtr.github.io**

COURSEWORK

ACADEMIC

Probability and statistics
Programming and Data Structure
Computational Neuroscience
Partial differential equation
Bioinformatics
Machine Learning in medicine

ONLINE

Machine learning(Stanford university)
Python Data Structure (University of Michigan)
Reinforcement Learning
Artificial Intelligence

SKILLS

PROGRAMMING

Python • Sql • Sagemaker • Matlab • Sas

LIBRARIES & FRAMEWORKS

Scikitlearn • NLTK • Matplotlib • Classification • Regression • Keras Forecasting • OpenCV2 • Tensorflow •streamlit

SOFTWARE

Spark • Jupyter • SAS • Microsoft power BI • MS Excel • MS Office • Powerpoint • Sas Enterprise Miner •SnowFlake

CERTIFICATION

2021 AWS Machine Learning Specialty
2020 Machine Learning with python
2020 SQL for Data Science

EXPERIENCE

CARS24 | Data Scientist

Feb 2022 - Present | Gurgaon, India

Pricing Strategy

- Developed Pan India pricing model based on the car inspection data replacing rule based and regional models. This led down the maintenance cost and time by 40% while increasing the sell through rate by 18%.
- Built Pan India Pricing model along with its explainable dashboard for online quote asked by the user, increasing the coverage by 60% while keeping the performance benchmark of 30%.
- Automated base price using depreciation model, increasing the coverage of pricing model by 80% while further decreasing the maintenance cost and time by 30%
- Integrated and automated the trinity in pricing model, to help product and business team to manually tweak the price by their end, if needed.
- Variant revamp: Created modules to map the historical data with new variants of cars to separate face-lift and transmission type, that can be used in preprocessing steps for all models that uses fingerprint data.
- Maintaining the independent files that that are used by other DS members in modelling.

BRILLIO TECHNOLOGIES | Senior Engineer

Sep 2020 - feb 2022 | Bengaluru, India

Project Lead, Attrition Prediction

- Developed an end-to-end intelligent system to predict employees who will voluntarily resign in the next 30 days.
- Created dataset taking into account demographic data and employee development in the form of projects, termination and recognition.
- The value of the peer-to-peer relationship is calculated for each employee based on their interactions with each other.
- The model is more than 99% accurate for this biased data and predicts more than 84% voluntary resignation in the next 30 days

End-2-end Timeseries forecasting API

- Built a software to automate TimeSeries forecasting, when provided the software with data and certain input, provide the forecast prediction.
- Created an input API to incorporate time series data sets and other parameters and perform the necessary preprocessing accordingly.
- Created a Core Automated API to perform statistical analysis, data transformation, and model selection and prediction in parallel.
- The software can identify timeseries components 96% of the time and select the optimal model 60% of the time.

Probable Applicant Detection, RuffaloNL

- Created flag funnel in the dataset from inquiry to modelling to score student at each step combined with Acxiom personix Data.
- Built inquiry model using champion modelling to score each probable students increasing the conversion ration from 5% to 20%