Pranav Dhakulkar

Data Scientist - Immediate Joiner

Analytically minded with 3 years of experience in Data science and Machine learning exposure in building Data models, Data processing, Data visualization and Machine learning concepts using Python scripting . Currently looking for opportunity to work with business to meet strategic and operational goals by identifying opportunities to deploy new technology in data science.

pranav.s.dhakulkar@gmail.com | 74998 40356 | Pune, Maharashtra

WORK EXPERIENCE

Analytics Consultant

Infosys, Pune

12/2019 - Present *Pune*

Work

- Develop project concepts and maintain optimal workflow and communication to work with senior developers to manage large, complex data projects for corporate clients.
- Cooperate with a data architect to create clean , simple and intuitive models using Processing libraries
- Built ML model to predict the usage and vaccine signatures along age group resulted in generating **25%** more output towards Immunogenicity.
- Designed a model for Ecommerce Business to increase the effective recommendation for products by **60%** and to increase the order size by **7%.**
- **Proficiency** :-.
- Experience using Machine Learning libraries, such as Scikit learn, Seaborn, Matplotlib, Pandas, Numpy, etc.
- Problem Solving skills to understand business concerns and formulate them as technical problems that can be solved using data, stats, and ML.
- Take ownership of the data science model end-to-end, right from data collection to model building and monitoring the model in production.

EDUCATION

Post Graduate Program In Data Analytics & Machine Learning

Imarticus Learning, Pune

2021 *Pune*

PGP

- Python, SQL, MongoDB.
- Machine Learning.
- Deep Learning.
- AWS.

Post Graduate Program in Project Management

NICMAR University, Pune

2020 *Pune*

PGP

- Project Management.
- Business Analytics.

Bachelor of Engineering

Prof.Ram Meghe Institute of Technology and Research Badnera

2018

B.E

- Civil Engg.

SKILLS

ML Algorithms:- Linear Regression, Logistic Regression, KNN, Decision Tree, Random Forest, Support Vector Machine, Naive Bayes, PCA and K-Means clustering.

Python/ML Packages:- Numpy, Pandas,Lambda, Sci-py, Scikit-learn (Sklearn) , Seaborn, Matplotlib, Plotly, TensorFlow, Keras, OpenCV, Regular Expression.

Natural Language Processing (NLP) | Deep Learning | Computer Vision | CNN, ANN | Database: SQLite, | MongoDB | Web stack: Flask | Text & Image processing | Data Visualization | Statistics | AWS | Ms-Excel | Classification | Neural network | AI | Pytorch

PROJECTS

1.Immunogenicity and Reactogenicity prediction on Vaccine Usage || Healthcare

- **Objective:-** To obtain highly predictive signatures of H1N1 vaccine immunogenicity and reactogenicity along with its usage with machine learning techniques.
- **Responsibilities -** Extracted the data and performed EDA on the data to optimized & pre-processed the data before building a classification model to check usage of vaccine on several age groups with respect to other seasonal vaccine by implementing the machine learning model on multi class data resulting in accuracy of **78%**.
- **Platform Used -** SQL, Jupyter Notebook, VS code.

2. Product Analytics & Customer Analytics for E-commerce Business || Ecommerce , Retail

- **Objective:-** To reduce unnecessary promotional spending and to increase the sales and recommendation system of products.
- **Responsibilities -** Analyzed the data and created an optimization code to create promotion spending data to run on a Regression model and to get an investment detail and creating recommendation system based on cost per sale. Achieved **2% savings** in promotion spending with a **10% increase** in sales and average **order size by 7%.**
- **Platform Used -** SQL, Jupyter Notebook, VS code.

3.Insurance Claim Fraud Detection || Banking & Finance

- **Objective:-** To create a Machine Learning model which will reduce the Cost and Time of the operation to detect fraudulent insurance claims.
- **Responsibilities -** Data Gathering from the various sources, and analyzed the data categorization to check False and Genuine claims by implementing the machine learning model prediction with **80%** accuracy.
- **Platform Used -** SQL, Jupyter Notebook, VS code.

TOOLS

Scripting Languages :- Python | Cloud Platforms :- AWS | Operating Systems :- Windows and Linux