Vichitra Kumar ⭐ Featured

Data Analyst with 4+ years of experience in Data Analysis, ML and Python

Skillset: Associate Consultant, SQL, Python, Numpy, Pandas, Tableau, PowerBI, PostgreSQL, Machine Learning, Keras, Regression, Classification, Fraud Analysis, Healthcare.

Current Designation: **Associate Consultant**

Current Company: **PwC**

Current Location: **Gurgaon**

Pref. Location: **Delhi / NCR**

Functional Area: **IT Software - Application Programming / Maintenance**

Role: **Software Developer**

Industry: **IT-Software/Software Services**

Marital Status: **Single/unmarried**

Total Experience: **4 Year(s) 3 Month(s)**

Notice Period: **2 Months**

Highest Degree: **B.Tech/B.E. [Computer Science]**

Key Skills: **Data Analyst, Associate Consultant, Neural Network, Software Developer, Data Analysis, Data Engineer, Big Data, Machine Learning, Python, SQL, Tableau,Data Visualization,Image Processing,Classification**

Verified :   Phone Number | Email - id

Last Active: 21-Jan-21   Last Modified: 21-Jan-21

Summary

Associate consultant with 4 years of experience in Data Analytics, Machine Learning and Software Development. Currently, working as fraud analyst in ?Ayushman Bharat Yojna (AB-PMJAY), world?s biggest healthcare scheme managed by National Health Authority, India. Developed processes to detect more than 800k of fraudulent entities and transactions using various methods with more than 90%accuracy.
Leveraging advance Data Analysis, Machine Learning, Big Data and Visualization techniques for fraud detection at multiple levels of scheme.
Area of expertise includes SQL, Python, Pandas, Tableau and ML methods like regression, classification, NLP, Image Processing
and algorithms like linear regression, logistic regression and SVM.
Have good understanding of healthcare architecture, fraud scenarios and relevant fraud triggers development.

Work Experience

PwC as Associate Consultant
May 2019 to Till Date

Fraud Analysis in Healthcare Scheme (NHA, Delhi)
Roles and Responsibilities:
Responsible for developing ML/rule-based automated triggers at beneficiary identification level using Python and SQL.
Developing and enhancing the triggers with medical experts to identify the high-risk transactions.
Developed an image analysis process which led for the identification of 100k suspicious cards with 92% accuracy of confirm fraud.
Contributed to an in-house data visualization product using Tableau for the stake holders to detect fraud prone medical entities and the users.
Developed Text Mining module and performed NLP on the data from various sources of scheme to bring out the insights from the free text data.
Developed complete process for auto approval of beneficiary cards using Logistic Regression.
Defining scope where AI/ML can be leveraged and conducting various data analysis accordingly.
Developed multiple triggers around collusion between different entities involved in the scheme.
Leveraging Python to bring out the insights using NLP techniques from unstructured text from different sources of the scheme.
Risk profiling of various users like hospital, card creator etc., involved in the scheme.

Created single data source using SQL, to unify beneficiary registration system and transaction system.
Managing various APIs in the system.

KPIT Technologies as Software Engineer
Aug 2016 to May 2019

Data Analysis and Data Modelling
Roles & Responsibilities:
Performing data mining from various social media platforms using various APIs.
Performing data processing to bring out relevant insight from the textual data.
Performing sentiment analysis and integrate sentiment analysis into a portal via API.
Developed spam classification model using SVM.
Integration Consultant
Roles & Responsibilities:
Developing solutions for Application-to-Application and Business-to-Business using integration tools.
Hands on experience of BizTalk application deployment to Production server

Education

UG: **B.Tech/B.E. (Computer Science)** from **University of Petroleum and Energy Studies, Dehradun** in **2016**

Other Qualifications/Certifications/Programs:

Machine Learning Certificate by AndrewNG

Basic Neural Network Certificate by AndrewNG

Basic Statistics from Coursera

IT Skills

Skill Name	Version	Last Used	Experience
Python		2019	3 Year(s)
scikit-learn		2019	1 Year(s) 6 Month(s)
Numpy, Pandas, Matplotlib		2019	2 Year(s)
Jupyter, Spyder, PyCharm		2019	2 Year(s) 6 Month(s)
MACHINE LEARNING		2019	2 Year(s) 6 Month(s)
Statistical Modeling		2019	2 Year(s) 6 Month(s)
DATA ANALYSIS		2019	3 Year(s) 6 Month(s)

Languages Known

Language	Proficiency	Read	Write	Speak
English	Expert			
Hindi	Expert			

Affirmative Action

Category: General

Physically Challenged: No

Work Authorization

Countries: India

Job Type: Permanent

Employment Status: Full time