

Alok Jha

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Profile Summary:

- A competent professional targeting roles and assignments related to data science and machine learning. I am currently working as a Python Developer skilled in machine learning, statistics and problem solving.

Key Skills:

- Python: Pandas, NumPy, Matplotlib, SciPy, Keras, Scikit-Learn, Statsmodels, Seaborn etc.
- MySQL for data extraction.
- Regression, Classification. (Linear, Logistic, Random forest, decision tree etc.)
- BFSI, Credit fraud etc.
- Machine Learning, Predictive Analytics and Prescriptive analytics
- Team player / Collaborator / Quick learner.

Job Experience:

> Virtual Employee Pvt. Ltd as Python Developer (Oct' 2020 - Present)

- Working experience of 7 months with a client related to banking and financial domain.
- Gathering and processing raw data at scale has been one of my daily responsibilities.
- Use of EDA techniques to manage BFSI data.
- Mainly associated with credit fraud detection analysis. Managing Card Transactions datasets that contains a mix of fraud as well as non-fraudulent transactions.

> Khati Solutions Pvt. Ltd as Business Analyst (Mar' 2020-Oct' 2020)

- Tools such as MySQL and PostgreSQL are extensively used to get the required data.
- Handled various daily reports which were mainly used by Zonal Managers to make certain decisions. Have been using Tableau to create dashboards and make the data insightful.

> BYJU'S as Business Analyst (Oct' 2018 -Mar'2020)

- Understanding data as with respect to the problem statement and how to reach the solution. Daily/weekly/monthly reporting on sales performances by regional and sales managers. Accomplished data analysis by using various tools such as R Programming, MS Excel etc. Analyzed effectively how to access data, extract it, and put it in Power-BI dashboards.
- Created customized reports on MS Excel using charts and other visuals.
- Proficient in basic statistics and machine learning techniques such as regression, classification using various algorithms.
- Created manager level scorecards based on their revenue, Attrition, Engagement with their employees and other factors.
- Applied machine learning in required areas to get insights so that actions can be taken accordingly. Sales and revenue prediction was among the most important areas.

> Tele performance India Pvt. Ltd as CCE-Operations (July' 2016-Nov'2017)

- Worked for Amazon.com, managing sellers and their professional merchant accounts by providing resolutions based on their products, orders and offers etc.
- Handled issues related to their order fulfillment and customer feedback.
- Managed a team of 6 associates and imparted them knowledge about the primary objective behind business development and customer engagement.

- Worked as Subject Matter Expert with experience in understanding various SOP's based on the business.

Data Science and machine learning projects:

1. **Overall Satisfaction Rate in Hotel Chain Industries:** A start to end project to find out the most important factor in customer satisfaction. When we talk about hotels, features like room cleanliness, staff attitude and food quality etc. play an important role. Performed EDA with missing value imputation and Predicted "staff attitude" as the most important factor.
2. **Credit fraud detection using R programming:** Went through the various algorithms like Decision Trees, Logistic Regression, Artificial Neural Networks and finally, Gradient Boosting Classifier. For carrying out the credit card fraud detection, we will make use of the Card Transactions dataset that contains a mix of fraud as well as non-fraudulent transactions.
3. **YouTube trending video analysis using python:** YouTube is the world's most popular and widely used video platform today. In this article, I'm going to introduce you to a data science project on YouTube trending videos analysis with Python programming language. (pandas, numpy, matplotlib and seaborn)
4. **Employee Attrition Prediction using python:** Employee attrition is downsizing in any organization where employees resign. Employees are valuable assets of any organization. It is necessary to know whether the employees are dissatisfied or whether there are other reasons for leaving their respective jobs. (pandas, numpy, matplotlib and seaborn)
5. **Heart disease prediction using machine learning:** Using the Logistic Regression algorithm in machine learning to train a model to predict heart disease. Predicting and diagnosing heart disease is the biggest challenge in the medical industry and relies on factors such as the physical examination, symptoms and signs of the patient.
6. **Fashion recommendation system:** A recommendation system is a system that is programmed to predict future preferable items from a large set of collections. A recommendation system works either by using user preferences or by using the items most preferred by all users.

Education

- PG Diploma in Data Science from Manipal Academy of Higher Education in 2018/2019
- Mechanical Engineering from Jaipur National University in 2016.
- 12th from Army Public School, Jammu, CBSE' 2011
- 10th from Army Public School, Jammu, CBSE' 2009

Hobbies and Interests

- Writing poems, cooking.
- Computer games, badminton etc.
- Music, Singing etc.

Personal Details

Date of Birth: 1stJan, 1993

Languages: English & Hindi

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