

# Alok Chauhan

Email : imallok@yahoo.in  
Mob : +91 8882021236  
Total Experience : 2+ years

RC-117, Adarsh Nagar,  
Khora Colony, Sector 62A  
Pincode : 201309

## Summary

A computer Science graduate having 2+ years of experience working on machine learning algorithms, Data Analytics and Statistical approaches for Predictive Modelling ,Classification ,Clustering using Python & R programming language.

## Core Knowledge & Key competencies

Machine Learning | Credit Risk Modelling | Logistic Regression | Market Basket Analysis | Recency Frequency Analysis | Data Analytics | Statistical Analysis | Clustering | SVM | Random Forest | NLP | Data Mining | Factor Analysis | PCA | LDA | Deep Neural Networks(learning) | CNN | ANN | RNN

Covariance and Correlation | ANOVA | Regression | T-Test | Chi-Squared Test | Feature Engineering

R Programming | Python (numpy, pandas, sklearn,joblib)

## Professional Snapshot-

**Biz2Credit INC. Noida (13 Month)**

**SOFTWARE ENGINEER** [August 2018- Current]

Tools: **Jupyter Notebook, Python , R**

Key Responsibility Areas-

- Developed models using cutting-edge ML algorithms
- Developed web bots for scraping business data using python

Machine Learning and Statistical Techniques Developed-

- **Developed and Monitoring Transaction Classification of 26+ Mn Banking Transactions Data**
  - Text Mining on corpus of huge of chunk of description data
  - Creating over important features using bag of words through stemming & other NLP processes
  - Achieved an accuracy of 97% on test data with 41 classes of transaction category using Random Forest and other Machine Learning algorithms
- **Customer Segmentation Modeling to identify high value customers**
  - Scaling the data and turning categories into numeric through one-hot-encoding
  - Hierarchical and K-Means Clustering Algorithms to identify high values cases that are yet to be funded
  - Flag these cases to underwriters for re-consideration
- **Developed web scraping bot to get business data**
  - Searching for a particular business name in states like Ohio , Illinois , Florida , Pennsylvania
  - Wrote python script for scraping top 10 business data from searched results
  - Generating pdf zip by grouping business data for all states together.
  - Used selenium with chrome webdriver for automation
- **Statistical and analytical reporting of the gaming data (TPF tech.)**
  - User attrition prediction using ML algorithms like Logistic Regression,Random Forests,XGBoost.
  - Cohort analysis for user retention.
  - Sankey Chart and Sunburst Chart for user behaviour in the app.

- Clients: **Nazara Games and Golive Game Studios.**
- Gaming and Mobile App analytics.
- Preparing user attrition prediction models using ML algorithms like Logistic Regression, Random Forests, XGBoost.
- Preparing reports mentioning cohort analysis, sunburst chart, sankey chart, sentiment analysis for the clients.
- Evaluate performance of Prediction Models.
- Twitter Data Mining and Sentiment Analysis.
- Developed a bot which scrape exchange prices of various brands of mobile phone from Amazon website.
- Deployed bot to the server so it runs everyday early in the morning and send results through mail to the bidding team.

## Academic Credentials

Year	Degree	Institution	Board/University	Specialization / Subjects	CGPA / %
2017	BTech	ABES Engineering College	UPTU	Computer Science	62%
2012	12 <sup>th</sup> Standard	JKG School	CBSE	Science	72%
2010	10 <sup>th</sup> standard	JKG School	CBSE	Science	79%

## Personal Dossier

- Date of Birth : 24<sup>th</sup> Sept 1996
- Linguistic ability : English, Hindi
- Gender : Male
- Marital Status : Unmarried
- Interests : Cricket, Video Games