

## SUMMARY

- Data Science graduate seeking opportunities in data analysis, statistical modeling and machine learning.
- Worked in Amazon for 1.5 years as Risk Investigator and dealt with the risks involved in transactions at Amazon marketplace
- Worked and interned in food processing industries such as Amul, Nestle, Jubilant.

## SKILL STACK

### Technical Skills

Data Analysis, Statistical Modeling, Hypothesis Testing, Regression, Classification models, Clustering, Ensemble Techniques, Data Visualization, Decision Making, Fraud Investigation

### Languages and Tools

Python, SQL, Tableau, MS Excel, Base SAS

## Professional Summary

### Risk Investigator, Amazon

Jan 2017 –June 2018

- Analyse large transactional and customer data, history data and stream data for identifying risk, fraud and abuse patterns using proprietary tools and take actions as per SOP to prevent frauds on amazon marketplace
- Detect patterns in fraudulent transactions and identify latest modus operandi to minimize losses
- Schedule daily huddles for the team and update them with the latest risk patterns and any changes in SOP
- Audit the errors made by other investigators and give feedback to help them improve

### Achievements

- Recognized with Bright Beginner's award for good performance in terms of metrics
- Recognized with Electra award for shouldering additional responsibilities
- Completed a project to identify most common misses that lead to an incorrect action and underlying knowledge gaps across teams. Refresher sessions were planned accordingly and upward trend in the performance was noted.

## EDUCATION

Post Graduate Program in Data Science from Great Lakes Institute of Management	2019
Bachelors of Technology (Food Technology) from Amity University, UP (7.04 CGPA)	2016
12th from Apeejay School, Noida, CBSE (84%)	2012
10th from Shardein School, Muzaffarnagar, CBSE (9.4 CGPA)	2010

## ACADEMIC PROJECTS

- **Prediction of Customer Attrition in a Telecom company:** Predict if a given customer will switch to another telecom service provider. The project used a set of behavioural variables to build various classification models and compared each one to find the best one. Achieved an accuracy of 86.5% using Random Forest.  
**Key skills: Logistic Regression, Random Forest**
- **Prediction of Real Estate Price:** Predict the prices of houses on the basis of given features. The project used feature engineering to reduce the features and add more meaningful features. Achieved an RMSE of 0.185 using Linear Regression.  
**Key skills: Data Analysis, Linear Regression**
- **Coffee Sales Analysis:** Create an interactive dashboard to uncover hidden insights from coffee sales data and solve business problems. Visualised sales of different coffee types in different regions. Found insights that could be used to target the right areas in order to combat losses or achieve sales target.  
**Key skills: Data Visualization, TABLEAU**
- **Titanic survival prediction competition:** Predict whether a set of people on Titanic survived or not on the basis of features containing people's general information using classification techniques. Achieved an accuracy of 81% using Random Forest.  
**Key skills: Decision Tree, Random Forest, Ensemble Techniques**

## EXTRA-CURRICULAR ACHIEVEMENTS

- Won inter-school and district level horse riding competitions
- Event coordinator and editorial team member for College fest - AYF 2014, AYF 2015
- Won two inter-college group dance competitions
- Initiated the formation of a group at work for empowering female employees called Just Bold Lady
- Organized various events at work such as quarterly performance reviews and fun activities
- Actively involved in CSR initiatives at work