

# Gaurav Takiar (Data Scientist)

✉ gauravt95@gmail.com

☎ 7415488804

📅 25/04/1995

in <https://www.linkedin.com/in/gaurav-takiar-0a5002143>



**1.5 years Experienced Data Scientist and 1.2 years as a Claims Analyst in Insurance firm. with interest in analyzing raw data & statistics, brings excellent communication abilities & understanding business problems also having hands on experience in building machine learning and deep learning models.**

## 🎓 EDUCATION

**B.tech Graduate with "HONOURS"  
M.E.**

Bhopal

Aggregate 7.51/10 (CGPA)

Final Semester SGPA 8.31/10 (CGPA)

## 👜 PROFESSIONAL EXPERIENCE

**Work Profile - Data Scientist**

03/2020 – 08/2021

**Company - Argus Systems**

Pune (M.H.) - WFH

Experienced and driven **data scientist** with **1.5 years** of experience in the industry as a **Data Scientist**.

**Project :** Predicting Potential Customers for the new Bancassurance product using Cluster Analysis, extracted data from past products sold(2007-2019) & train the model.

**Solution :** Worked with the product, marketing & Big data team to fetch required data.

To overcome effects of imbalanced sets Sampling techniques were applied.

Clustering, Regression & Random forest were applied to get the desired outputs

Each of the algorithms prediction, accuracy, precision & recall were compared.

**Result :** Get precision of 89% & Recall>90%

**Project :** Face Mask Classifier for a Firm to auto differentiate & make there employees follow COVID protocols & to make working environment efficient & COVID free.

**Solution :** Set Containing 3 classes (with mask, without a mask, and wearing mask incorrectly) improve the dataset, augment images in such a way that each class has an equal distribution of images and removing noisy images which could be considered as outliers.

Train it using Deep learning algorithm - CNN(Convolutional neural network)

**Result :** Get accuracy of 88% by using different optimizers & tuning increased it to 93.5%.

**Project :** Designed a regression model for an online food ordering company to increase incentives for delivery boy during peak ordering hours resulting in a 14% increase in delivery boy availability during peak ordering times.

**Solution :** Get the desired data of the weekends, peak usually occurs at that phase.

Feature Selection & specified grouping for the places where requirement of delivery boy usually raises.

Created a model to raise specified incentives & increase delivery boy availability.

**Result :** Get the problem resolved & also gets appreciation from the Client.

## Work Profile - Claims Analyst

### Company - Iffco Tokio General Insurance

09/2018 – 10/2019 | Ujjain (M.P)

#### Project - Finding Business Insights, Claims Demonstration & OEM Claims Fraud Detection

1. Worked as **Senior officer** have **1.2 years** of experience as Claims Analyst with main focus on consumer analytics in the industry. Worked with QCS (Quick Claim Settlement) AI based Mobile Application to settle motor claims Virtually. Commitment to providing support and essential information about trends in claims domain.
2. Fetch data from CRM (Customer resource Management) & brought out the useful features from it.
3. Analysis of fraud claims by finding previous history, claims ratio, average size to scrutinize & inspect the faulty workshops (OEM).
4. Responsible for handling claims demonstrations of Ujjain SBU.
5. Get 'A' Grade from the General Manager in yearly assessment.

## SKILLS

### Languages -Python & R

Pandas, NumPy, Scikit-learn, dplyr, ggplot2, ML-metrics

### Software – MS-Excel

MS-Excel, MS- PowerPoint Presentation

### Technical Skills-

EDA, Data-preprocessing, Data- cleaning, Feature-Engineering, Modelling, Validation, Statistical Analysis, Pattern Analysis, Neural Networks

### Visualization tool – Tableau

Data Visualization, Predictive Analysis, workbooks, Dashboard

### Machine Learning – (Supervised & Unsupervised)

Linear Regression, Logistic Regression, K-Means, Random Forest, ANN, Gradient Descent Activation function etc.

## ACHIEVEMENTS

### Evarcity Certification:

Model to detect Customers who can possibly Churn in upcoming month.

### Major Project: Pneumatic Reverse Braking System

It is an air-based braking system who provides automatic braking while some object came in the path. Using – IR Sensors, Pneumatic cylinder, Electric Motor.

### Sports:

Represented team as captain in Cluster Cricket Competition in School.

### Tech-Fest:

Participated in college cultural fest (VIHAN)

### Major Training:

Bharat Heavy Electrical Limited (BHEL Bhopal)

### TCS Tech-Acme:

Technical Quiz competition in central India's largest technical fest TECH-ACME 2015 & Head Coordinator & secure A graded certification in Quiz round

### NGO:

Participated in Samantha – Run for Equality for all

## INTERESTS

---

- **Hobbies:**

Cooking ,Video Games,  
Cricket, Badminton, Music.

- **Language known:**

Hindi, English, Punjabi

- **Subject of Interest:**

Robotics, Renewable Energy,  
Cryptocurrency

- **Personal Assets:**

Committed & Smart Working  
Optimistic & having good  
time management skills  
Adaptability, Active-listener,  
Loyal, Helpful Friendly  
Nature, Quick-Learner

## DECLARATION

---

I hereby declared that all the information furnished above is true of my knowledge.

---

**GAURAV TAKIAR**  
BHOPAL