

# Jitesh Kumar Singla

Data Analyst, UnitedHealth Group (OGS)

## PERSONAL INFORMATION

### Address

1750, Sector 8,  
Faridabad, Haryana

### Phone

+91 7206213747

### E-mail

[singla.jitesh27@gmail.com](mailto:singla.jitesh27@gmail.com)

### Web-Portfolio

<https://jitesh2796.github.io>

### LinkedIn

<https://www.linkedin.com/in/jitesh-singla>

## KEY SKILLS

### Language

Python,  
SQL,  
Hive,  
PySpark,  
HBase,  
HTML,  
CSS

### Tools/ Platform

Tableau,  
Teradata SQL Assistant,  
AWS,  
AtScale,  
Git

### Framework

Django

### IDE

Visual Studio

### Statistical Skills

#### Supervised Learning/ Classification

##### Techniques-

Random Forest Classification,  
Logistic Regression,  
Linear Regression,

#### Unsupervised Learning/ Clustering

##### Techniques-

K-means,

### Soft Skills

Problem solving,  
Communication skills,  
Leadership Skills,  
Team Management

## CAREER OBJECTIVE

Passionate about data science & seeks a challenging position that will utilize my logical & analytical skills in the best possible way.

## EXPERIENCE

### Data Analyst (UnitedHealth Group, Noida)

3.5+ years of work experience in data analytics and data science

Jun'18-Present

### Founder (ReadingRoots)

A social initiative to build a sustainable reading community through sharing of books, helping readers save money and reduce their carbon footprint.

Jan'21- Present

## PROJECTS

- **High Dollar Claims Inventory Prioritization**

Developed a machine learning model using Random Forest algorithm for daily prioritization of claims with high probability of denial leading to increased overall savings.

**Technologies:** Python, PySpark, SQL, Hive, Tableau, Supervised Learning

**Impact:** Implementation of solution led to 30% increase in overall savings

- **Covid-19 Claims Provider Fraud Analysis**

Analyzed the Covid-19 hospitalization and vaccination claims to identify the providers involved in fraudulent activity, helping the business to proactively stop their claims.

**Technologies:** Python, PySpark, SQL, Hive, Tableau

**Impact:** Analysis helped to generate a savings of ~\$2M by proactively stopping the claims of fraudulent providers

- **ReadingRoots (www.readingroots.in)**

Developed a web application through which readers can borrow and share their books (paperbacks/ hardcovers) while keeping a track of the books exchanged and building a reading community

**Technologies:** Django, Python, AWS, HTML, CSS, Bootstrap

**Impact:** Helped readers borrow books for free and connect with other readers around them

## RECOGNITIONS & POSITION OF RESPONSIBILITIES

- Secured position among **top 5 teams** in UHG's Hackathon competition Jan'20  
"Developed a Provider Call Reduction model to predict the providers with high probability of calling using Logistic Regression"
- Bagged **3<sup>rd</sup> Position** in Optum, UHG's Hackathon Competition, Jan'19  
'Developed Intelligent Business Insights web application that can respond to natural language questions through real time visualizations'
- Part of **hiring team** at UHG and responsible for **training and upskilling** of employees
- **Placement Cell Coordinator (PCC)** responsible for placements at NIT Kurukshetra

## CERTIFICATIONS

- Azure certified in "Microsoft Azure Fundamentals (AZ-900)"
- Coursera certified in "Introduction to Data Science in Python"
- Coursera certified in "Applied Plotting, Charting and Data Representation in Python"

## EDUCATION

### B. Tech in Mechanical Engineering

8.78/10, National Institute of Technology Kurukshetra

2014-2018

### 12<sup>th</sup> – CBSE

95.6%, St. Thomas Sr. Sec. School

2013-2014

### 10<sup>th</sup> – CBSE

CGPA 10, St. Thomas Sr. Sec. school

2011-2012

