

Jitesh Kumar Singla

Data Analyst, UnitedHealth Group (OGS)

PERSONAL INFORMATION

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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 **3rd 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

12th – CBSE

95.6%, St. Thomas Sr. Sec. School

2013-2014

10th – CBSE

CGPA 10, St. Thomas Sr. Sec. school

2011-2012