

# Akshaydeep Chauhan

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## SUMMARY

- **Data Scientist** with strong math's background and Experience of 4 Data Science Industry-level projects and many Entry-level projects on various problems to solve challenging business problems
- A Enthusiastic engineering graduate with expertise in Data Science, Machine Learning and Data Analysis. Proficient in Python, SQL, Machine Learning, Excel, NumPy, Panda, Tableau.
- Knows how to perform EDA, Feature Engineering, Feature Extraction using python. Can also create presentative Dashboards in Tableau
- Involved in Python open source community and passionate about Machine learning. I am waiting for the opportunity where I can use my skills and knowledge for organizational and personal growth.

## KEY SKILLS

. SQL . Data Science with Python . Machine Learning . Tableau . EDA . Data Visualization

## TECHNICAL STACKS

- **Language/Scripts:** - Python, SQL
- **IDE:** - Jupyter Notebook, VS-code, Google-Colab
- **Libraries:** - Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Tensor-Flow
- **Analytical Tools:** - Tableau, Power BI, MS Excel , MySQL Workbench

## EDUCATION

**Masters Certificate Program in Data Science & Business Analytics**

Sep '22 - Mar '23

*SIMPLILEARN*

Online Learning Platform

Skill Test Score- 98.4%

**Master of Business Administration in Human Resources**

Jul '20 - Aug '22

*RIPMT, ( UTU )*

Haridwar

Total Percentage- 78%

**Bachelor of Technology in Mechanical Engineering**

Jul '15 - Jul '19

*COER, ( UTU )*

Roorkee, Haridwar

Total Percentage- 64.4%

## DATA SCIENCE PROJECTS

### 1. Health-Care Project

#### Problem Statement: -

- Build a model to accurately predict whether the patients in the dataset have diabetes or not.

**Git Hub\_Link:** - <https://github.com/Akshaychauhanthakur/Projects/tree/main/Healthcare>

### 2. Retail Project

#### Problem Statement: -

- Perform customer segmentation using RFM analysis and Identify the most valuable segments that can capitalize on chance relationship in the data used for this analysis.

**GitHub\_Link:** - <https://github.com/Akshaychauhanthakur/Projects/tree/main/Retail>

### **3. Health-Care Insurance**

#### **Problem Statement: -.**

- The objective of this project is to predict patients' healthcare costs and to identify factors contributing to this prediction. It will also be useful to learn the interdependencies of different factors and comprehend the significance of various tools at various stages of the healthcare cost prediction process.

**GitHub\_Link:** - [https://github.com/Akshaychauhanthakur/Projects/tree/main/Healthcare\\_insurance](https://github.com/Akshaychauhanthakur/Projects/tree/main/Healthcare_insurance)

### **4. United States Airlines Analysis**

#### **Problem Statement: -.**

- The objective of this project is to identify the factors that contribute to avoidable flight delays. You are also required to build a model to predict if the flight will be delayed.

**GitHub\_Link:** - [https://github.com/Akshaychauhanthakur/Projects/tree/main/Airline\\_Analysis](https://github.com/Akshaychauhanthakur/Projects/tree/main/Airline_Analysis)

## **PROFESSIONAL EXPERIENCE**

### **Assistant Professor**

Oct '22 - Feb '23

*OM-Group of Colleges*

Roorkee,(Haridwar)

Assistant Professor in Management Department

### **Quality Engineer**

Nov '19 - May '20

*JAYSHREE-Group of Polymer*

Bahadrabad,(Haridwar)

Graduate Engineering Trainee(GET) as On-Field Supervisor and Quality Inspection in Fuel-Tube Department