

# Jiten Maheshwari

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## PROFILE

I'm a Computer Science student at MIT-ADT University, set to graduate in May 2025. My passion lies in data science, where I love turning data into actionable insights. I'm currently specializing in Big Data and Cloud Engineering, blending my interests in cloud computing and data science to drive innovative solutions.

## EDUCATION

<b>Bachelor of Technology</b> MIT-ADT UNIVERSITY(Ongoing CGPA: 7.88)	2021 – 2025 Pune, Maharashtra
<b>12th Board,CBSE</b> MAHESHWARI PUBLIC SCHOOL(Passing Percentage : 79.8%)	2020 – 2021 Kota, Rajasthan
<b>10th Board,CBSE</b> MAHESHWARI PUBLIC SCHOOL(Passing Percentage : 79%)	2018 – 2019 Kota, Rajasthan

## SKILLS

- |            |                   |           |                    |
|------------|-------------------|-----------|--------------------|
| • DSA      | • C++             | • MySQL   | • Python libraries |
| • Big Data | • Cloud Computing | • Hadoop  | • MongoDB          |
| • Tableau  | • Excel           | • PowerBI | • HTML & CSS       |

## PROJECTS

### Sales Data Analysis

*Python, Pandas, Matplotlib, Tableau.*

Analyze sales data to identify trends, seasonal effects, and key performance indicators (KPIs). Use visualizations to present insights such as sales growth, product performance, and regional sales distribution.

#### Skills Demonstrated

- **Data Analysis:** Proficiency in using Python libraries like Pandas to clean, preprocess, and analyze sales data.
- **Data Visualization:** Expertise in using Matplotlib and Seaborn to create informative visualizations such as line charts, bar charts, and scatter plots.
- **Business Intelligence Tools:** Knowledge of business intelligence tools like Tableau or Power BI to create interactive dashboards and reports.
- **Data Storytelling:** Ability to communicate data insights effectively through visualizations and narratives.

### Personal Portfolio Website

*HTML, CSS, Javascript*

Created a personal portfolio website to showcase my projects, skills, and experience. This website includes sections like About Me, Projects, Skills, Contact Information, and a Blog.

#### Skills Demonstrated

- **HTML:** Proficiency in HTML5 for structuring web pages.
- **CSS:** Expertise in CSS3 for styling and layout.
- **JavaScript:** Knowledge of JavaScript for adding interactivity and dynamic elements.

### Predictive Modeling of Customer Churn in the Telecommunication Industry

*Python, Random Forest Algorithm, Confusion Matrix, PowerBI*

This project aimed to develop a predictive model to identify customers at risk of churning in the telecommunications industry. By accurately forecasting customer churn, telecommunications companies can implement targeted retention strategies to improve customer satisfaction and reduce revenue loss.

#### Skills Demonstrated

- **Python Programming:** Proficiency in using Python libraries such as Pandas, NumPy, scikit-learn, and Matplotlib for data analysis, model development, and visualization.

- **Machine Learning:** Understanding of Random Forest algorithms and their application to predictive modeling.
- **Data Preprocessing:** Expertise in data cleaning, handling missing values, outliers, and feature engineering.
- **Data Visualization:** Proficiency in creating informative visualizations using PowerBI to communicate insights effectively.

## COURSES

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### **Introduction to MongoDB**

*Coursera*

Provides a solid understanding of MongoDB, a popular NoSQL database and teaches how to design and query MongoDB databases effectively.

### **Data Analytics Essentials**

*Cisco*

Explains how the data analytics process creates value from data. Analyze data using basic statistical and data preparation techniques. Complete hands-on lab using Excel, SQL, Tableau and other tools.

### **AWS Cloud Foundations**

*Amazon Web Services*

Provides a solid understanding of cloud computing concepts and AWS services. Introduces AWS cloud infrastructure and services, such as EC2, S3, and RDS.

### **Introduction to Big Data with Spark and Hadoop**

*Coursera*

Explores big data technologies like Spark and Hadoop for processing and analyzing large datasets. Teaches how to leverage distributed computing frameworks for efficient big data processing.

### **Cloud Computing Applications by University of Illinois**

*Coursera*

Introduces cloud computing fundamentals and its applications across various industries. The course covers popular cloud services and their applications, helping learners understand how to leverage cloud infrastructure.

## AWARDS

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**Winner of IdeaSpark, 2023 at MIT-ADT University Pune.**

2023