

# Aditi Mehra

[LinkedIn](#) | P: +91 7652999123 | [aditim Mehra@gmail.com](mailto:aditim Mehra@gmail.com)

## EDUCATION

**Chandigarh University - CGPA: 7.51/10 Mohali, Punjab** Bachelor of Engineering in Computer Science 2021 – 2025

**Spring Dale Sr. Sec Public School Ludhiana, Punjab**

- Intermediate – Percentage: 73.6% 2020 – 2021 • Matriculation – Percentage: 80.5% 2018 – 2019

## SKILLS

**Programming Languages:** Python | R | SQL | Git

**Data Analysis & Visualization:** Pandas | NumPy | Matplotlib | Seaborn | Power BI | Tableau

**Database Management:** SQL | MySQL | MongoDB

**Machine Learning:** Scikit-learn | Predictive Modeling | Regression Analysis

**Tools & Platforms:** Excel (Pivot Tables, VLOOKUP) | Power BI | Tableau

**Soft Skills:** Data Storytelling | Problem-Solving | Critical Thinking | Team Collaboration | Attention to Detail

**Software Testing Skills:** Manual Testing | Test Case Design | Bug Tracking | Regression Testing | Functional Testing  
| Basic SQL | Test Automation Basics.

**Cloud & Deployment:** AWS (EC2, S3) | GCP (Basics) | Azure (Basics) | Kubernetes (Familiar) | Terraform (Basics)

## EXPERIENCE

### Upwork

**Remote**  
2024 – Present

Freelance Data Analyst

- Conducted sales data analysis for a retail store to identify trends, forecast sales, and optimize inventory. Cleaned and processed large datasets using Pandas, delivering actionable insights that increased revenue by 10%.
- Built a predictive model to detect customer churn for a telecom company, utilizing SQL for data extraction and Python for data preprocessing and model development. Achieved an **87% accuracy** using Logistic Regression and visualized churn factors with Seaborn and Matplotlib.
- Developed an **interactive sales dashboard** in Power BI for an e-commerce platform, integrating data from multiple sources to track KPIs such as conversion rate, customer acquisition cost, and revenue. Automated daily updates for real-time monitoring and reporting.

## PROJECTS

### Sales Data Analysis for Retail Store

**2024 – Present**

- Analysed sales data to identify trends, forecast demand, and optimize inventory, leading to a 10% revenue increase.
- Created interactive Tableau dashboards to visualize key sales insights for stakeholders.

### Userlens

**2024**

- Developed a Django-based dashboard to monitor and display real-time data from a Wireless Sensor Network (WSN).
- Integrated data mining techniques to process large sensor datasets, enabling efficient decision-making.

### Customer Churn Prediction for Telecom

**2023 – 2024**

- Developed a Logistic Regression model to predict customer churn with 87% accuracy.
- Identified churn factors using Seaborn and Matplotlib, enabling targeted retention strategies.

### CardioPredict

**2023**

- Built a heart disease prediction system using TensorFlow, leveraging medical parameters for risk assessment.
- Designed and trained a neural network achieving 90%+ accuracy in disease prediction.

### E-Commerce Sales Dashboard

**2022 – 2023**

- Designed an interactive Power BI dashboard to track KPIs like conversion rate and revenue.
- Automated daily data updates, reducing manual effort and enhancing reporting efficiency.

## ADDITIONAL

- Certifications: IIT Kharagpur (Probability & Statistics, Cloud Computing), IIT Ropar (Discrete Mathematics), Udemy (Python).
- **Patent Filed: Smart Toll Payment System (Patent No.: 202211055163, Published 2023)** – Developed an automated toll collection system to prevent evasion, ensuring regulatory compliance and scalability.