# Nayan Jain

EDUCATION	VIT BHOPAL University, Bhopal, MP	October 2022 - Present
	COMPUTER SCIENCE	B.TECH
	8.00 CGPA	
	Warren Academy School, Jaipur, Rajasthan	April 2019 - March 2020
	90.8%	10th Grade
	Warren Academy School, Jaipur, Rajasthan	April 2021 - March 2022
	85%	12th Grade

#### **EXPERIENCE**

### Netgraph

November 2024 - January 2025

Intern

© Completion certificate

Developed an end-to-end machine learning solution to predict and analyze customer churn in the telecommunications sector, addressing the critical business challenge of churn rates .

#### **PROJECTS**

### **Telecom Customer Churn Prediction**

**JANUARY 2025** 

Jaipur,Rajasthan

#### Ø Github Link

- Built machine learning model using Decision Trees and SMOTENN to predict customer churn with 89% accuracy, Processed and analyzed 50,000+ telecom customer records using Python and Pandas.
- Implemented feature engineering techniques to identify top 10 churn indicators.
- Created interactive Flask web application for real-time churn prediction leveraging the power of Machine Learning Model

## **Walmart Sales Data Analysis**

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- Built automated ETL pipeline (Python, SQL) for 45K+ sales records via Kaggle API
- Ensured perfect quality of Data with advanced data cleaning and feature engineering
- Used SQL (MySQL/PostgreSQL) to uncover revenue trends and optimize products
- Automated data loading, reducing manual effort by 80%