

# Harleen Kaur Pama

+91-7000173848 — [harleenkaur8586@gmail.com](mailto:harleenkaur8586@gmail.com) — [LinkedIn](#) — [GitHub](#)

## EDUCATION

<b>VIT Bhopal University</b> <i>B. Tech</i>	2022 – 2026 <i>CGPA: 8.59</i>
<b>Sri Sankara Vidyalaya, Bhilai</b> <i>12<sup>th</sup> Grade</i>	2021 – 2022 <i>81.4%</i>
<b>Sri Sankara Vidyalaya, Bhilai</b> <i>10<sup>th</sup> Grade</i>	2019 – 2020 <i>89%</i>

## TECHNICAL SKILLS

<ul style="list-style-type: none"><li><b>Programming Languages:</b> Python, SQL, C++</li><li><b>Data Analysis &amp; Visualization:</b> Pandas, NumPy, Matplotlib, Seaborn, Power BI, MS Excel</li><li><b>Database Management:</b> MySQL, PostgreSQL</li><li><b>Data Engineering Tools:</b> Apache Airflow, ETL pipeline, APIs, Web Scraping(Selenium, BeautifulSoup)</li><li><b>Machine Learning (Basics):</b> Scikit-learn, Regression and Classification models</li></ul>	
---	--

## PROJECTS

<b>Telecom Churn Prediction</b>	Jan- 2025
<ul style="list-style-type: none"><li>Developed machine learning model using Logistic Regression to predict customer churn</li><li>Performed data preprocessing, feature engineering, and visualization on customer demographics and usage patterns</li><li>Identified key churn indicators to support business retention strategies</li></ul>	
<b>Customer Analytics &amp; Data Preparation – Quantum Virtual Experience (Forage)</b>	Mar- 2025
<ul style="list-style-type: none"><li>Analyzed customer transaction data and performed statistical testing for business insights</li><li>Conducted data cleaning, store selection using statistical criteria, and hypothesis validation</li><li>Created Python visualizations and client reports using Pyramid Principle framework</li><li>Applied experimentation design and commercial analytics for sales performance evaluation</li></ul>	
<b>Road Accident Hotspot Detection &amp; Severity Prediction</b>	July- 2025
<ul style="list-style-type: none"><li>Designed an end-to-end data pipeline to scrape and process accident records, storing structured datasets in SQL databases for analysis.</li><li>Performed geospatial and statistical analysis to detect accident hotspots and built machine learning models that achieved 85%+ accuracy in predicting severity.</li><li>Deployed an interactive dashboard with automated updates, enabling real-time visualization of accident-prone areas and supporting data-driven decision-making.</li></ul>	

## CERTIFICATIONS

<ul style="list-style-type: none"><li>Generative AI Certification – IBM (2025)</li><li>Cloud Computing – NPTEL, IIT Madras (2024)</li><li>Marketing Analytics – NPTEL, IIT Roorkee (2025)</li></ul>	
---	--