HARLEEN KAUR PAMA

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Passionate and detail-oriented aspiring Data Analyst with a strong foundation in data analysis and visualization. Skilled in Python, SQL, Power BI, and Excel, with hands-on experience in exploratory data analysis and creating automated data workflows. Focused on turning raw data into actionable insights and scalable solutions using modern data tools and technologies.

Education

VIT Bhopal University- B.Tech	2022-26
CGPA-8.5	
Sri Sankara Vidyalaya,Bhilai -12th	2021-22
81.4%	
Sri Sankara Vidyalaya,Bhilai -10th	
89%	2019-20

Technical Skills

- **Programming Languages**: Python, SQL, C++
- **Data Analysis & Visualization:** Pandas, NumPy, Matplotlib, Seaborn, Power BI, MS Excel
- **Database Management:** MySQL, SQLite, PostgreSQL
- **Data Engineering Tools (BASICS)**: Airflow (basic), ETL concepts, APIs, Web Scraping
- **Machine Learning (Basics):** Scikit-learn, Regression, Classification

Projects

Telecom Churn Prediction
- Developed machine learning model using Logistic Regression to predict customer churn
- Performed data preprocessing, feature engineering, and visualization on customer demographics and usage patterns
- Identified key churn indicators to support business retention strategies

Customer Analytics & Data Preparation -- Quantum Virtual Experience (Forage)
- Analyzed customer transaction data and performed statistical testing for business insights
- Conducted data cleaning, store selection using statistical criteria, and hypothesis validation
- Created Python visualizations and client reports using Pyramid Principle framework
- Applied experimentation design and commercial analytics for sales performance evaluation

Certifications

- Generative AI Certification – IBM (2025)
- Cloud Computing – NPTEL, IIT Madras (2024)
- Marketing Analytics – NPTEL, IIT Roorkee (2025)
- Full-Stack Web Development (MERN Stack) – SmartBridge (2025)
- Bits and Bytes of Computer Networking – Coursera