

AREEN KRISHAN TAINGOUR

Jaipur, Rajasthan

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EDUCATION

Jawahar Navodaya Vidyalaya(CBSE)

2019

Class Xth - **Percentage -92.4%**

Dausa, Rajasthan

Vidyasthali Public School(CBSE)

2021

Class XIIth - **Percentage 94.8%**

Jaipur, Rajasthan

Vellore Institute Of Technology, Bhopal

2022 – Present

B. Tech - Computer Science and Engineering - **CGPA - 8.53**

Bhopal, M.P.

TECHNICAL SKILLS

Programming Languages: Python (Pandas, NumPy, Scikit-learn), SQL, Java
Data Analysis & Visualization: Excel/Google Sheets, Power BI, Matplotlib, Seaborn
Databases: MySQL, Oracle Database
Developer Tools: Jupyter Notebook, VS Code, Git, GitHub
Technologies/Frameworks: Streamlit, Flask, Machine Learning, Statistical Analysis

PROJECTS

Mental Health & Social Media Analytics 🔗 | Python, Pandas, NumPy, NLP, Streamlit **June 2024**

- Developed an analytics platform to study the impact of social media usage patterns on mental health using Python and NLP techniques.
- Performed **text mining, sentiment analysis, and topic modeling** on user-generated content to detect stress, anxiety, and depression signals.
- Applied machine learning models for **classification and correlation analysis** between digital behavior and mental health indicators.

Churn Prediction App 🔗 | Python, Pandas, NumPy, Scikit-learn, Streamlit **Jan 2025**

- Developed an interactive application to identify customers at high risk of churn, enabling businesses to proactively implement targeted retention strategies.
- Performed extensive data preprocessing, feature engineering, and exploratory data analysis (EDA) to uncover key churn-driving factors.
- Trained and evaluated multiple machine learning models (Logistic Regression, Random Forest, XGBoost) to maximize prediction accuracy.

Market Entry Dashboard 🔗 | Python, Pandas, NumPy, Scikit-learn, Streamlit **March 2025**

- Built an interactive **Market Entry Strategy Dashboard** using Python and Streamlit to assess market attractiveness, competition intensity, and financial feasibility.
- Implemented **TAM/SAM/SOM analysis**, risk assessment, and sensitivity modeling to simulate different market scenarios.
- Developed financial models including **NPV, IRR, and payback period analysis** to support investment decisions.

EXTRACURRICULAR

Sports Experience 🔗

National Level Badminton Player:

NVS Samiti

- Represented **Jawahar Navodaya Vidyalaya (JNVs)** at the **national level** in badminton competitions, demonstrating discipline, teamwork, and resilience.
- Took on leadership responsibilities including mentoring junior players, coordinating practice sessions, and fostering a spirit of sportsmanship.

CERTIFICATIONS

- Gen AI — IBM
- OCI Data Science Professional — Oracle
- Google Data Analytics — Coursera