

# Arin Sayanere

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Nagpur, Maharashtra

## PROFESSIONAL SUMMARY

- I'm a 2026 B.Tech graduate from YCCE passionate about Data Science, with practical experience in Python, SQL, Machine Learning, and data analytics, aiming to develop intelligent, scalable, and impactful data-driven solutions.

## SKILLS

- **Programming:** Python, SQL
- **Machine Learning:** Scikit-learn, XGBoost, LightGBM
- **Data Analysis:** Pandas, NumPy, EDA, Feature Engineering
- **Visualization:** Matplotlib, Seaborn
- **Database:** MySQL
- **Tools:** Git
- **Soft Skills:** Strong Communication skills, Leadership, Collaboration, Teamwork, Active Listener, Time Management, Problem-Solving & Debugging, Analytical thinking, Decision Making.

## EXPERIENCE

### • Data Analytics Intern

Maharashtra

Jan 2026 - June 2026

### Enorvia Global Pvt. Ltd. – MentorSarthi Project

- Analyzed large scale multi-source contact datasets to identify potential mentors and mentees for strategic onboarding.
- Performed data cleaning including duplicate removal, validation of phone/email fields, and standardization of city and profession categories.
- Classified and segmented data based on mentor/mentee type, profession, and geographic location to enable targeted growth strategies.
- Created structured master datasets (Mentor, Mentee, Category-wise, City-wise) for business-ready deployment.
- Developed an interactive Power BI dashboard showcasing mentor-mentee distribution, city-wise opportunity gaps, and category-level insights.
- Delivered actionable insights identifying high-demand cities and strong professional categories for expansion.

## PROJECTS

### 1. Sentiment Analysis on IMDb Movie Reviews:

- Developed a Natural Language Processing (NLP) project analyzing 50,000 IMDb movie reviews.
- Implemented preprocessing techniques like tokenization and TF-IDF vectorization.
- Trained and evaluated ML models to classify reviews into positive/negative sentiments.
- Achieved high accuracy in sentiment classification, demonstrating effective feature engineering and model optimization.

### 2. YouTube RAG Bot:

- Built a Retrieval-Augmented Generation (RAG) based chatbot to answer student queries using YouTube video transcripts.
- Utilized free embedding models and lightweight LLMs for efficient semantic search and response generation.
- Developed an interactive Streamlit application for students to access real-time Q&A from educational YouTube content.
- Focused on affordability and accessibility by leveraging open-source models instead of paid APIs.

### 3 Smart Mining Helmet:

- Designed and developed a smart helmet using various sensors, such as gas, temperature, humidity, accelerometer, GPS module, and the ESP32-OV650 microcontroller.
- Collected data from the surrounding environment to predict whether the area is safe or unsafe.
- Utilized machine learning models: Model 1 predicts the surrounding environment data, and Model 2 predicts miner drowsiness.
- Used real-world datasets to train the models and predict accurate results.

## EDUCATION

### • Yeshwantrao Chavan College of Engineering, Nagpur (YCCE)

Bachelor of Technology (BTech) – Electronics Engineering

Maharashtra, India

Nov 2022 - May 2026

### • Dharampeth M.P. Deo Memorial Science College

Intermediate (Class XII)

Maharashtra, India

June 2021 - May 2022

## KAGGLE COMPETITIONS:

- Ranked Top 15% (189/1273 teams) in AnaVerse 2.0 – Anomaly Detection Challenge. [Competition Code Link](#)
- Ranked Top 15% (604/4329 teams) in Predict the Introverts from the Extroverts competition. [Competition Link](#)

## HIGHLIGHTS

- Ranked Top 15% in multiple Kaggle ML competitions among 4000+ teams.
- Built and deployed AI-based IoT safety monitoring system (Smart Helmet project).
- Developed ML-powered Mental Health Prediction Dashboard with real-time analytics.