

NIMISH PARMAR

ACADEMIC PROFILE

Degree/Certificate	Institution	Percentage/CGPA	Year
B-Tech	Civil Engineering IIT (BHU), Varanasi	8.55	2025
CBSE (XII)	50293-The Sapphire School Ratlam M.P	89.60	2020
CBSE (X)	14430-Himalaya International School Ratlam M.P	92.00	2018

SKILLS

- **Tools and Tech** : Pandas, Numpy, Scikit Learn, Seaborn, MySQL, MsExcel, Tableau, Jupyter Notebook
- **Interests** : Machine Learning, Data Analysis, Problem Solving, Data Visualization

INTERNSHIP/TRAINING

Data Analyst | Alphawizz Technologies

May'24 - July'24

Streamlined A/B testing for a regional IT Consulting player catering to 5+ clients in the ecommerce sector.

- Conducted **A/B testing** on two **webpage variants**, analyzing user behavior to identify friction points and interaction data for a sample of users, driving **click-through rate (CTR)** by **12% MoM** and reducing **bounce rate** by **7%**.
- Applied in-depth **statistical analysis**, achieving **95% confidence** to validate the significance of A/B test outcomes.
- Built a dynamic **Tableau dashboard** to visualize A/B test performance, providing actionable insights into **key metrics**.

PROJECTS

Employee Data Analysis

Derived insights into key performance indicators (KPIs), providing a clear overview of departmental performance.

- Employed **MySQL Workbench** to merge multiple tables of employee datasets and performed data analysis.
- Performed **department-wise KPI analysis** such as salary, gender ratio, etc. by **using joins, views, and sub-queries**.
- Transferred the data and organized different charts into an **interactive dashboard** using Tableau Public.

Reddit Posts Analysis | Moderation Classifier

Analyzed Reddit posts to identify patterns in user behavior and post deletions for improved content moderation insights.

- Performed **EDA** on Reddit posts using **Pandas** and **SQL**, SELECT, UPDATE, AGGREGATE, sorting functions.
- Investigated **correlations** and extracted **insights**, pinpointing **worst users**, post rating **trends**, and **post deletions**.
- Preprocessed the data through **imputation, stemming, stop word removal**, tokenization, and **TFIDF** vectorization.
- Built models using **Decision Tree, Random Forest**, and **SVM** to predict post deletions, with an **accuracy of 76%**.

Stock Market | Time series forecasting

Developed a time series forecasting model to analyze stock market trends and predict future closing prices.

- Performed in-depth **EDA** of stock market data and **visualized** the per-day closing price of the stock using Matplotlib.
- Applied statistical techniques like **Hypothesis, Dicky-Fuller test, and ACF/PACF** plots to evaluate time-series data.
- Checked the **stationarity** and identified the nature of the data using the ADFuller test and validated null hypothesis.
- Utilized **ARIMA** model with a **2.5% MAPE**, achieved **97.5%** accuracy in predicting the next 15 observations.

POSITION OF RESPONSIBILITY

Publicity Head | Spardha'23

Aug'23 - Dec'23

- Monitored & supervised a **18** membered team, increasing **footfall** by **65%** and **social media engagement** by **120%**.
- Achieved **25% YoY** increase in **paid student enrollment** across 45+ college, culminating **INR 40 Lakh** in revenue.

Creative Head | Civil Engineering Society (CES)

Aug'23 - Apr'24

- Oversaw a **team of 10+** creatives in developing over 100+ design assets, increasing **student engagement** by **70%**.
- Strategically coordinated **cross-platform outreach** campaigns, reaching out to **1200+ students** across colleges.

HONOURS AND ACHIEVEMENTS

- **Qualified** as one of the top teams from the **800+ entries** for final round of the PAN IIT AI/ML Hackathon, Convoke'24.
- Achieved **5-star rating** in SQL problem-solving on HackerRank and earned **advanced certification**.

EXTRA-CURRICULAR ACTIVITIES

- **Volunteered** with Khushi Ek Pahal's **Mission Ration** to distribute supplies and make the city COVID-free.
- **Achieved victory** in the school **chess** competition and showcased exceptional skills in **table tennis** at **Spardha '22**.

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