

Nishtha Mehar

Bhopal, India

B.Tech in Computer Science and Engineering

+91 9981115737

meharnishtha4@gmail.com

<https://github.com/TrendSeeker18>

[linkedin.com/in/nishtha-mehar-530002280/](https://www.linkedin.com/in/nishtha-mehar-530002280/)

EDUCATION

-VIT Bhopal University

B.Tech — Computer Science and Engineering (CGPA 9.02/10)

2022–2026

-Delhi Public School, Bhopal

CBSE — Class XII (PCM) 93.6%

2022

-Delhi Public School, Bhopal

CBSE — Class X 95.6%

2020

EXPERIENCE

-TwilLearn

Business & Data Analyst Intern

Jan 2025 – Mar 2025

- Analyzed 10+ business processes and optimized data flows, improving efficiency by 20%.
- Created 5+ Power BI dashboards monitoring 12+ KPIs, enhancing report speed by 30%

-Trainity

Data Analyst Intern

Jun 2024 – Aug 2024

- Conducted 8+ end-to-end analytics case studies across 6+ domains including marketing, hiring, finance, operations, media, and customer service using SQL and Excel
- Built 10+ dashboards and visualizations analyzing Instagram user behavior, call center volumes, IMDB movie ratings, car pricing, and loan approval patterns

SELECTED PROJECTS

-Employee Attrition Prediction – Google Advanced Data Analytics Capstone

Python • Pandas • Seaborn • Scikit-learn • XGBoost • GridSearchCV

- Analyzed HR dataset of 15,000 employees to uncover key attrition drivers such as satisfaction level, workload, salary
- Built predictive models (Logistic Regression, Random Forest, XGBoost) achieving 89%+ accuracy and 0.91 AUC-ROC
- Tuned hyperparameters using GridSearchCV and evaluated with precision, recall, F1-score to ensure robustness

Real Time Hospital Resource Management System

Winner – SOLVIT '25

Streamlit • ARIMA • XGBoost • Firebase

2025

- Engineered real-time ICU prediction dashboard reducing 22% wait time across 3 hospitals using ARIMA/XGBoost.
- Integrated Firebase-based intake forms, resource updates, and admin views with role-based routing.

-India Job Market Analysis Dashboard

Excel • SQL • Power BI

2025

- Designed an interactive dashboard analysing job trends, hiring patterns, and salary ranges across 100+ roles and 10+ industries.
- Presented data-driven insights on employee demographics and performance, leading to the development of three new targeted training programs and a 10% increase in overall employee engagement scores.
- Performed **exploratory data analysis (EDA)** on over **50,000 job listings** to uncover actionable insights

-Rice Leaf Disease Detection

EfficientNet • FBEWT • SVM • Random Forest

2025

- Classified leaf disease with >90% accuracy using hybrid models.
- Boosted early detection by 18% using FBEWT and EfficientNet-augmented datasets

TECHNICAL SKILLS

- **Programming Languages:** Python (NumPy, Pandas, Scikit-learn), R (basic), SQL, Java, C++
- **Data Analysis & Visualization:** Power BI, Tableau, Excel (PivotTables, VLOOKUP), EDA, Storytelling
- **Machine Learning:** Supervised Learning, Model Training, Random Forest, SVM, ARIMA, XGBoost
- **Cloud Platforms:** Microsoft azure, AWS
- **Technical Tools:** MySQL Workbench, Power Query, Jupyter Notebook, Git
- **Soft Skills:** Strong verbal and written communication, data storytelling
- **Core Competencies:** Statistical analysis, mathematical reasoning, algorithm design, and data structures

CERTIFICATIONS

- **Data Analytics Job Simulation** - Deloitte (2025)
- **Data Visualization: Empowering Business with Effective Insights** - TCS (2024)
- **Generative AI: Enhance your Data Analytics Career** – IBM(Coursera)
- **Data Analytics and Visualization Job Simulation** - Accenture (2024)

ACHIEVEMENTS

- **Winner** — SOLVIT Hackathon 2025 Led 6-member team to 1st place with AI ICU dashboard adopted in 3 hospitals.

