

Ishansh Maurya

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PROFILE SUMMARY

Detail-oriented Computer Science student specializing in Computation and Data Science, with practical experience in Python, R, SQL, and Tableau. Proficient in data analysis, visualization, and machine learning, with a strong ability to extract insights and support data-driven decision making. Committed to leveraging analytical and AI techniques to deliver scalable, high impact solutions in fast-paced, collaborative environments.

EDUCATION

Integrated Master of Technology

2022 – 2027

VIT Bhopal University, Madhya Pradesh

Coursework: Focused on machine learning, data analytics, and algorithm design. Applied statistical and programming skills to projects that involve real-world data analysis and predictive modeling.

CGPA : 8.43/10

TECHNICAL SKILLS

- **Programming and Databases** : Python, R, Java, C, C++, SQL, BigQuery
- **Data Analytics and visualization** : Tableau, Power BI, Excel, Google Workspace
- **Machine Learning and AI** : NumPy, Pandas, Scikit-learn, TensorFlow
- **Core Competencies** : Data Cleaning, Predictive Modeling, Statistical Analysis, Dashboard Development

PROJECTS

Cyclistic Bike-Share Case Study

Tech stack : R, Excel, Tableau, tidyverse, ggplot2

- 12 months of bike-share data was analyzed to compare the usage patterns of casual riders and members.
- Used Excel and R for data cleaning, processing, and identifying key behavioral trends.
- Visualized insights in Tableau to support strategies aimed at boosting membership conversions

Face Recognition-Based Attendance System

Tech stack : Python, OpenCV, TensorFlow/Keras, dlib, NumPy, Pandas, Google Firebase

- Designed a real-time attendance system using face recognition and deep learning, integrated with Google Firebase for live database management.
- Implemented CNN-based face detection to accurately mark attendance, minimizing manual errors.
- Incorporated emotion detection models to assess student mood during sessions, with insights stored in Firebase.
- Developed a mental health tracking module that analyzes emotion trends to provide early indicators of stress or burnout.

CERTIFICATIONS

- **Google Data Analytics Professional Certificate** – Coursera 12/2024 – 05/2025
- **Introduction to Machine Learning** – NPTEL, IIT Madras 07/2024 – 10/2024