ANSARI MD ANAS SHAKEEL

📞 +91-7021517474 ✉ ansarianas8904@gmail.com in linkedin.com/in/ansari-md-anas
○ github.com/Anas8904

EDUCATION

MIT World Peace University   **2022 – 2026**
B.Tech in Computer Science and Engineering (Cybersecurity and Forensics)   *Pune, India*
CGPA: 8.31 / 10

RELEVANT COURSEWORK

- Data Structures
- DBMS
- Artificial Intelligence
- Machine Learning
- Cybersecurity Basics
- Python Programming
- OOPs
- Operating Systems
- Computer Networks

PROJECTS

Length of Stay Prediction – Healthcare Analytics ○   **2025**
Tech Stack: Python, Pandas, NumPy, Scikit-learn, XGBoost, TensorFlow

- Developed predictive models for hospital patient LOS using 50K+ records.
- Systematically improved model accuracy from a 34.6% baseline (Naïve Bayes) to 43.1% (XGBoost) by implementing advanced feature engineering and model tuning.
- Improved accuracy from baseline through domain-driven preprocessing of age, admission type, and department.
- Documented model performance and comparisons in an interactive Jupyter notebook.

Retail Store Performance Analysis ○   **2024**
Tech Stack: Python, Pandas, Power BI

- Analyzed 6.4K+ weekly sales data across 45 Walmart stores to discover seasonal trends.
- Identified a 20% spike in sales during major events and holidays.
- Built Power BI dashboards highlighting low-performing stores and economic factor impacts.

Resume Screener – NLP & KNN Classifier ○   **2024**
Tech Stack: Python, KNN, NLP, NLTK, Scikit-learn, TF-IDF, Pandas, Matplotlib, Seaborn

- Created an NLP-based resume classification tool using TF-IDF and KNN to extract and classify skills.
- Visualized performance using confusion matrices and tuned hyperparameters for classification.
- Reduced manual screening time by 80%, streamlining HR evaluation workflows.

TECHNICAL SKILLS

Languages: Python, C++, SQL
Data Science & Machine Learning: Pandas, NumPy, Scikit-learn, TensorFlow, XGBoost, NLTK
Data Visualization: Power BI, Tableau, Matplotlib, Seaborn,
Databases: MySQL
Developer Tools: Git, VS Code, Jupyter, Google Colab,
Generative AI: Prompt Engineering, OpenAI API Integration
Agentic AI: Basic Experience with LangChain Autonomous Agents

CERTIFICATIONS

Introduction to Prompt Engineering — SimpleLearn
Learned prompt structuring for summarization, classification, Q&A using LLMs.

What Is Generative AI? — LinkedIn Learning
Covered GenAI fundamentals, applications in content/code generation, ethics.