AKIF KHAN

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SUMMARY

Highly motivated Data Science student excelling in customer segmentation, data quality, and database design. Skilled in Python, SQL, and Tableau with extensive experience in data analysis and visualization. Adept at problem-solving and project planning, demonstrated through the creation of a specialized video anonymization tool. Eager to apply expertise and enthusiasm to contribute effectively to projects while maintaining a positive attitude and a strong willingness to learn.

EXPERIENCE

Machine Learning Intern

Corizo

10/2023 - 12/2023 (Remote)

- Collaborated with senior team members on machine learning models.
- Conducted comprehensive data exploration, identifying patterns and ensuring data quality for accurate modeling.
- Utilized Python for data analysis, building statistical models to address specific business problems.
- Evaluated and fine-tuned machine learning models, aligning them with underlying objectives.
- Developed customer-facing tools, providing valuable insights and metrics for informed decision-making.

EDUCATION

Bachelor of Science in Data Science and Applications

Indian Institute of Techonology, Madras

09/2022 - Present

SKILLS

Customer Segmentation | **Data Quality** | **Data Science** | **Database Design** | **Git** | **Debugging**

Image Processing | **Microsoft Excel** | **MySQL** | **Python** | **SQL** | **Tableau** | **Power BI**

Algorithm Development | **File Path Manipulation** | **Facial Recognition** | **Feature Extraction**

PROJECTS

PrivacyGuard: Developed and implemented a Video Anonymization Tool

github.com/Akif29/PrivacyGuard-Video-Anonymization-Tool

Developed a specialized video anonymization tool using Python, OpenCV, and Mediapipe to automatically detect and blur faces in news interview videos. The tool was designed to empower individuals sharing crucial information while preserving their anonymity. The implementation of facial landmark detection ensured comprehensive privacy protection by blurring entire head regions