Profiles

Mohammed Faizan Khan

FAIZAVENGER

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Skills

Data Analysis & Visualization :

Python, SQL, Power BI, Tableau, Excel, Data Cleaning, EDA, Statistical Analysis, Data Visualization, Business Intelligence, C++

Machine Learning :

Python, Scikit-learn, TensorFlow, Keras, Regression, Classification, Clustering, Feature Engineering, Model Evaluation, Predictive Analytics, Deep Learning, Handling Imbalanced Data

Soft skills :

Team Collaboration, Communication, Time Management, Problem Solving, Adaptability, Leadership

Certifications

Excel Essentials for Data Analytics
Coursera
August 2025

Data Science and Analytics
HP LIFE
May 2025

Basics of Python
Infosys Springboard
September 2024

Data Analytics and Visualisation Job Simulation
Accenture (Forage)
March 2025

Data Analytics Job Simulation
Deloitte (Forage)
August 2025

Awards

Centum Achiever – Computer Science (2nd PUC)

Awarded for scoring 100/100 in Computer Science during Pre-University (2nd PUC), recognizing exceptional academic performance and subject mastery.
This achievement demonstrates strong analytical skills and a solid foundation in computing concepts.

MOHAMMED FAIZAN KHAN

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Summary

Motivated and detail-oriented Data Science student with a strong foundation in data analytics, machine learning, and statistical modeling. Experienced in building and evaluating predictive models to support data-driven decision-making. Passionate about leveraging analytical thinking to solve real-world problems and contribute to innovative projects. Adept at working in collaborative environments with excellent problem-solving and adaptability skills.

Education

Dayananda Sagar University — **Expected in Jul 2026**
8.3 CGPA — Btech, Data Science

St Francis PU College — **Jan 2022**
88.16% — PCMC

Experience

LeadSoc Technologies Pvt Ltd — **October 2025 - Present**
Software Intern

- Utilized Python to analyze datasets and automate routine tasks, enhancing internal workflow efficiency.
- Designed and produced data visualizations to clearly present trends and support engineering insights.
- Supported the team by transforming raw data into meaningful visual reports for decision-making.

Projects

Facial Emotion Recognition using Convolutional Neural Networks

- Designed and implemented a CNN-based Facial Emotion Recognition system to detect and classify multiple human emotions.
- Applied data augmentation and preprocessing techniques to improve robustness against noise, imbalance, and varying facial conditions.
- Evaluated performance using train-test splits and metrics like accuracy, precision, recall, and F1-score to ensure reliable results.

Ground Deformation Analysis using InSAR (Sentinel-1, Delhi NCR)

- Built an end-to-end InSAR workflow using SNAP, SNAPHU, and Python to process Sentinel-1 SAR data and generate displacement, velocity, and cumulative deformation maps.
- Performed statistical analysis (mean, median, std deviation) and applied atmospheric correction and phase unwrapping to produce accurate, geocoded deformation datasets.
- Created automated Python visualizations—including time-series panels, histograms, and satellite-overlay maps.