Anus Khan
Data Scientist

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As a Data Scientist, I apply machine learning, AI, and statistical analysis to extract insights from complex datasets. Experienced in data modeling, predictive analytics, and algorithm development, I focus on transforming raw data into actionable insights to support data-driven decision-making and business optimization. Proficient in Python, SQL, and data visualization tools.

Education

Bachelor of Computer Science   *09/2021 – Present*

Namal University Mianwali
CGPA: 3.20
- **Courses**

  - Data Structures
  - Artificial Intelligence
  - OOP
  - Machine Learning
  - Database Systems
  - Natural Language Processing

Work Experience

Teacher Assistant – Namal University   *04/2024 – 01/2025*
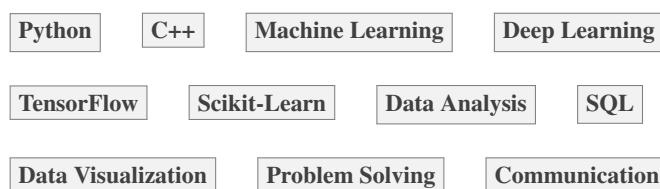- Assisted in teaching Programming Fundamentals and Machine Learning; supported labs and grading.

Field Researcher (FYP)   *06/2024 – Present*
- Collected and analyzed bee hive audio data for queen detection and disease classification.

Freelance Data Science & ML   *02/2025 – Present*
- Delivered ML and data solutions to clients using Python, SQL, and data visualization.

Skills

`Python` `C++` `Machine Learning` `Deep Learning`
`TensorFlow` `Scikit-Learn` `Data Analysis` `SQL`
`Data Visualization` `Problem Solving` `Communication`

Projects

Centralized AI-based Bee hives helath monitoring system
Firtz Bohlmer, Germany   *06/2024 – Present*

I've designed an awesome AI-powered hive health monitoring system to empower small-scale and local bee farmers. I'm building a smart setup that tracks bee activity, checks for the queen's presence, and spots diseases by analyzing real-time hive sounds. I've created a user-friendly mobile app and a central data platform to help farmers keep their hives thriving and increase their income with affordable, cutting-edge tech.

AI Teaching Copilot
Asheete Mathor – RRampUp, Canada   *01/2025 – Present*

I've teamed up to create an AI-driven educational assistant that gives students personalized, spot-on, and totally reliable answers. I'm building it to match each student's level, boosting their learning with smart feedback and adaptive teaching that adjusts to their needs. My goal is to make top-notch education accessible to everyone.

Research (Under Submission)

- **Genomic Insights into Dengue Diagnosis: Key Nucleotide Patterns, Differential Analysis, and Machine Learning Effectiveness**   *(In Progress)*

- **AI Meets Nature: Leveraging Deep Learning for Honey Bee Sound Classification**   *(In Progress)*

- **AI Meets Nature: Leveraging Deep Learning for Honey Bee Queen Classification using Hive Buzz** *(In Progress)*

Certificates

- Google IT Automation with Python   *01/2023 – 02/2023*
- EDA for ML with IBM   *03/2023 – 05/2023*
- Python for Data Science   *03/2023 – 05/2023*
- SQL for Data Science with UCDAVIS   *03/2023 – 05/2023*

Achievements

- Merit Scholarship   [Namal University]
- Merit Scholarship   [Superior College]
- Runner-up in Codex 2.O   [Coding Competition]
- Nust Coding Hackethon   [Coding Competition]

Interests

`Volleyball` `Traveling` `Movies`