



Muhammad Anas Jaffery

DATA SCIENTIST/ANALYST

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Profile

Dynamic and highly motivated recent graduate with a solid foundation in Machine Learning and Data Analysis. Seeking a challenging role as Data Scientist/Data Analyst/Machine Learning Engineer/Business Analyst to leverage my skills in data collection, preprocessing, visualization, machine learning, and data analysis and contribute effectively to organisation's success.

Employment History

Machine Learning Engineer, Softech Worldwide, Karachi

December 2022 — February 2023

Role:

- Spearheaded a pivotal project, developing a redaction tool by collecting and annotating images using YOLO for object detection.
- Expertly pre-processed images and applied multiple image processing techniques, demonstrating proficiency in Python programming.
- Collaborated seamlessly with cross-functional teams to achieve project milestones, showcasing flexibility and adaptability.
- Acquired valuable skills in image segmentation, convolutional neural networks (CNN), and recurrent neural networks (RNN).

Data Analyst, Intend

April 2021 — June 2021

Role:

- Utilized PowerBI, Tableau, and Python for effective data visualization and financial analysis, aiding in the formulation of efficient income management strategies.
- Collected, processed, and analyzed financial data to provide actionable insights, contributing to enhanced decision-making processes.
- Mastered various Python libraries, including Seaborn, to craft comprehensive data visualizations.
- Developed proficiency in data interpretation, manipulation, and report generation.

Education

Computer Information Systems Engr, NEDUET, Karachi

August 2019 — August 2023

Bachelors of **Computer Information Systems**

Achievements

Projects

- **Emotion Detection Project** | Leveraged sequential models and image preprocessing techniques to accurately detect emotions from images.
- **Color Detection Tool** | Designed a tool utilizing computer vision techniques to identify colors within images.

Links

[LinkedIn](#)

[Github](#)

Skills

- Programming: Python, SQL, HTML, CSS, javascript.

- Data Analysis: PowerBI, Tableau, Pandas, Seaborn, Microsoft excel

- Machine Learning: CNN, RNN, Image Classification NLP, Computer vision

- Tools: GitHub, Azure, RESTful APIs, FastAPI, Web Sockets

- Deployment: Web Services, Azure

Languages

English

Urdu

- **Eye Tracking and Facial Movement** | Explored binary images and image segmentation to track eye movements and facial expressions.

Final Year Project: Dynamic Chatbot | Developed an NLP-based chatbot, integrating text processing techniques, ANN, and LSTM models. - Utilized FastAPI and web sockets for seamless front-end and back-end integration, showcasing API design skills.

Certifications:

- 1) Participate in the coding competition and got the certificate from SAYABIDEVs for scoring a position in top 30 participants
- 2) Certificate of working as front-end developer at [Interns.pk](#)

Courses

Data Analyst, Coursera

February 2021 — July 2021