

FIZA AREEJ

- +92-304-6044598 • fizaareej000@gmail.com
• <https://www.linkedin.com/in/fiza-areej-130528220>

Education

INFORMATION TECHNOLOGY UNIVERSITY

Lahore, Pakistan

Master's in Data Science

UNIVERSITY OF AGRICULTURE (3.58/4.0)

Faisalabad, Pakistan

Bachelor's in Information Technology

Professional Experience

DATA X

Lahore, Pakistan

SCB Data X is the data and AI company of the SCBX (SET: SCB.BK) group. The mission of the company is to provide the group's companies the technology, tools, and insights to drive their growth, efficiencies, and customer experiences.

Data Analyst:

- Conducting data cleaning and preprocessing tasks to ensure data integrity and accuracy.
- Assisting in the development and implementation of data-driven models and algorithms.
- Creating visualizations using tools like MS-EXCEL and Power BI to present insights.
- Contributing to the analysis of large datasets using statistical methods and machine learning techniques.
- Preparing reports and presentations summarizing findings and insights from data analysis.
- Acquiring proficiency in SQL queries for data extraction and manipulation from relational databases.

HOUSE OF SOLUTIONS

Lahore, Pakistan

Company aims to provide ERP, POS and other IT related services to small and medium scale companies around the world. By making use of the latest tools and techniques available in the market.

Data Scientist: (August 2023 – February 2024)

- Acquired and cleaned data from multiple sources to ensure accuracy and completeness.
- Conducted exploratory data analysis (EDA) using descriptive statistics and visualizations to uncover insights and identify patterns.
- Applied machine learning and deep learning algorithms and statistical techniques to develop predictive models.
- Collaborated with cross-functional teams to communicate findings and provide data-driven recommendations.

INFORMATION TECHNOLOGY UNIVERSITY

Lahore, Pakistan

ITU aims to advance knowledge and pursue excellence in science, technology, engineering and other areas of scholarship, with an encompassing commitment to develop Pakistan and promote human welfare.

Research Assistant: (September 2022 – May 2023)

- Engaged in comprehensive literature reviews to identify current trends, gaps, and advancements in machine learning and deep learning methodologies for various projects.

FINCA BANK LIMITED

Hafizabad, Pakistan

FINCA Microfinance Bank Ltd, aims to become Pakistan's leading microfinance bank serving all to build a prosperous, equitable, and poverty-free Pakistan.

Intern: (March 2021 – July 2021)

- Assisted the Operational Manager as an intern
- Supported the operational management team in various day-to-day activities
- Ensured smooth business operations

Projects

Performed Statistical Analysis on Economic Factors

- Python, PostgreSQL

Developed a Symptoms-based Disease Prediction System

- Python, PostgreSQL, Azure, Django

Developed a Semantic Search System using NLP

- Python

Generation of high quality images using Denoising Diffusion Model

- Python, Pytorch

Air Quality Monitoring using Machine Learning and Deep Learning Models

- Python, Pytorch

MNIST Classification with Convolutional Neural Networks (CNNs) in a supervised setting.

- Python, Pytorch

Image Segmentation using UNET architecture

- Python, Pytorch

Malaria cells detection using Deep Convolutional GAN (DCGAN)

- Python, Pytorch

Prediction of addition and subtraction of arithmetic expressions using Transformers

- Python, Pytorch

Created comprehensive dashboards

- MS-Excel, Power BI, Shiny, Google data studio,

Online Courses

CERTIFICATIONS

- Python3 Programming Specialization from University Of Michigan.
- Google Data Analytics professional certificate

Technical Skills

- **Programming Languages:** Python, SQL, C#
- **Data Bases:** Cassandra, MySQL, PostgreSQL
- **Big Data Ecosystem:** Hadoop, Apache Spark, Map Reduce, Azure, Big query,
- **Libraries and Framework:** Pytorch, Numpy, SkLearn, Seaborn, Matplotlib, Pandas, Unity, Power BI, MS Excel etc.