Qiblatain Fatima

DATA SCIENTIST/DATA ANALYST

Details

Karachi
Pakistan
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Links

Github

LinkedIn

Languages and Skills

Python | R | SQL | Java | MATLAB

Machine Learning | Data Analysis | Data Visualization | Deep Learning

Industry Knowledge

Tableau | PowerBI | Trifacta (ETL) | Centerprise - Astera (ETL) | Microsoft PowerApps | Angular | NodeJS | MySQL | Figma | Knime | TexStudio | GitHub | MATLAB | Google Cloud | Jupyter Notebook

APIs and Libraries

Tenserflow | Numpy | Pandas | Keras | Scikit-Learn | Selenium | BeautifulSoup

Profile

Data science enthusiast with hands-on experience in analyzing data, manipulating data, creating predictive models, visualizing data, and solving real-world problems.

Employment History

Software Engineer, Sadiq, Karachi

FEBRUARY 2023 — PRESENT

Working as an AI backend engineer for Sadiq's personalized shopping through state-of-the-art (SOTA) algorithms developed by Sadiq's AI Applied Research Team.

Teaching Assistant - Business Intelligence, IBA, Karachi

JANUARY 2023 — PRESENT

Teaching Assistant - Database Management System, IBA, Karachi

AUGUST 2023 — DECEMBER 2023

Internships

Data Science Intern, Astera Software, Karachi

JUNE 2022 — AUGUST 2022

Performed research on common data analytics platforms, including Trifacta and Tableau. Built back-end python scripts for Data Sampling and Outlier Detection and Treatment along with its UI for Astera Software. Wrote machine learning algorithms to improve the accuracy of table detection feature in the Astera Software.

Projects

Automated Data Scrapping

Wrote a Python script using Selenium to do automatic selections on a website and download the required data.

H1B Visa Petition Analysis

Performed Binary Classification using Data Mining Algorithms on the H1B data using Python and R, as well as created an analysis report for it.

Zaraye Sales Dashboard

Built an interactive Power BI dashboard for a B2B startup, Zaraye, to provide useful business insights using their customer and supplier funnel.

Sales Dashboard

Performed Data Manipulation and built an interactive and highly visualized dashboard using Microsoft Power BI

ProBuy Website

Created a personalized e-commerce website using Angular for frontend, Nodejs for backend and MySQL for database.

MATLAB for Computer Vision

Performed Image Template Matching, Point Feature Matching, and Circular Hough Transformation using MATLAB

Certifications

Working with BigQuery – Cousera

2022

Data Science: Foundations Using R Specialization – Johns Hopkins
2020

Getting and Cleaning Data – Johns Hopkins
2020

Reproducible Research – Johns Hopkins
2020

Exploratory Data Analysis– Johns Hopkins
2020

R Programming – Johns Hopkins
2020

The Data Scientist's Toolbox – Johns Hopkins
2020

Python Basics — University of Michigan
2020

Education

Bachelor's in Computer Science, Institute of Business Administration (IBA), Karachi
AUGUST 2019 — JUNE 2023

CGPA: 3.71 (Dean Lister)

Cambridge A-Levels, The City School, Karachi
AUGUST 2017 — SEPTEMBER 2019

Cambridge O-Levels, The City School
AUGUST 2015 — JUNE 2017