Nasir Mehmood

Data Engineer

Experienced Data Engineer with 3+ years of expertise in designing , building large-scale data pipelines for diverse sources. Proficient in creating scalable and secure data storage solutions for Medical Data, emphasizing data quality and governance.

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WORK EXPERIENCE

Data Engineer - Hybrid
Global Data Analytics Team Data Innovation Center
Aga Khan University Global

06/2021 - Present   *Karachi Pakistan*

Aga Khan University Hospital, an esteemed healthcare organization operating in Africa, Asia, and Europe, provides top-notch medical services that employ advanced technology and evidence-based approaches.

Projects

- Developing ETL pipeline and data flows for migrating and processing sensitive incremental data, utilizing Azure Data Factory and Azure Synapse Analytics. **#Azure Data Factory #SQL Server**

- Designing and implementing data pipelines for data set utilizing ADF, Blob Storage,Azure SQL Database. **#T-SQL #Azure #Azure Data Factory #Synapse Live #DataWarehouse #Azure SQL Database**

- Compile, optimize, and migrate old patient data to an OLAP (Online Analytical Processing) solution on Microsoft Azure to enable global researchers at AKU to generate analytical reports more efficiently. **#OMOP #Pl/SQL #StarSchema #Azure #AzureSQLDatabase #PaaS**

- A new automated data warehouse has been created through data mining from Google Scholar, focusing on AKU faculty publishers to assist stakeholders in decision-making across different entities. **#DataMining #Python #BeautifulSoup4 #ChromeDriver #Selenium #DAX #Dockers #PowerBI**

- Develop, Design & optimize dynamic interactive dashboards that integrate & centralize qualitative & quantitative data of students & faculty, with the aim of facilitating global researchers. **#SSMS #MySQL #PowerBI #DAX #Python #jupyterNotebook**

Data Analyst - Remote
TechScape, Islamabad Pakistan

05/2020 - 06/2021   *Islamabad Pakistan*

TechScape is a technology consulting firm offering software development, cloud computing, and IT training services with a focus on innovation and customer satisfaction.

Achievements

- Developed a analytical support system ingesting multiple data sources to reduce workload, increase productivity, optimize development, and streamline the sessions and syllabus. **#Python**

- Analyzing, validating using statistical methods, and reconciling large datasets and converting them into interactive reports with proper formatting. **#Statistical Methods #Python**

Intern - Data Analytics
TechScape, Islamabad Pakistan

06/2019 - 09/2019   *Islamabad Pakistan*

EDUCATION

Bachelors of Computer Sciences: Computer Science
Institute of Business Administration Karachi – Karachi Pakistan

08/2015 - 08/2020   *Karachi, Pakistan*

SKILLS

Data Warehouse | SQL | Data Mining | Web Scrapping | Dockers | Containers | Python | Microsoft Azure | Synapse | Data Factory | Azure SQL Database

CERTIFICATIONS

2023: Dp-900: Microsoft Azure Certified (03/2023 - Present)
Microsoft Certified: Azure Data Fundamentals

2023: Az-900: Microsoft Certified (04/2023 - Present)

2022: Data Integration with Microsoft Azure Data Factory
Coursera Certification

2021 Introduction to Microsoft Azure Cloud Services
Coursera Certification

2021: Crush Course on Python
Coursera Certification

2020: Excel to MySQL: Analytics Techniques
Coursera Certification

2020: Managing Big Data with MySQL
Coursera Certification

2020: Data Visualization and Communication with Tableau
Coursera Certification

2020: Business Metrics for Data-Driven Companies
Coursera Certification

2020: Mastering Data Analysis in Excel
Coursera Certification

2019: Data Analysis with Python
Coursera Certification

2018: Basic Statistics
Coursera Certification

SOFT SKILLS

Data Driven | Problem solving | Team-work | adaptability | Communication Skills