

naila munir

St. Louis, MO 63122

nailanasirmunir894_te8@indeedemail.com

+1 314 704 4435

Data Scientist familiar with gathering, cleaning, and organizing data for use by technical and non-technical personnel. Advanced understanding of statistical, algebraic, and other analytical techniques. Highly organized, motivated and diligent with significant background in IT.

Work Experience

Computer Lab Administrator

Global Institute of Information and Technology - Chakwal Pakistan
September 2017 to October 2020

- Diagnosed and executed resolution for all network and server issues.
- Implemented, developed, and tested installation and update of file servers, print servers and application servers in all departments.
- Resolved issues and escalated problems with knowledgeable support and quality service.
- Designed and evaluated WAN and LAN connectivity technologies.

R Programming

Relevant Coursework

- Prepared scripts to ensure proper data access, manipulation and reporting functions with R programming languages
- Participated in learning of techniques for statistical analysis projects, algorithms and new methods
- Formulated procedures for integration of R programming plans with data sources
- Programmed code of qualitative variable and manipulation tasks with various statistical methodologies
- Visualized dataset using ggplot2

SQL

- Wrote SQL queries to obtain data from multiple tables.
- Participated in learning Joins and sub-queries to simplify complex queries involving multiple table
- Wrote procedures, functions and triggers for various mathematical implementations on tables
- Designed and Prepared Library Management System

Math Modeling in MS Excel

- Generated and compiled spreadsheets
- Updated and validated data
- Created pivot tables and modify spreadsheets to achieve analytical goals
- Managed spreadsheets and maintain data currency to ensure accurate data availability for decision-making process
- Generated charts for model
- Applied sorting function, conditional formatting, look-up function and logical functions

Python

- Working with Jupyter notebook
- Dealt with NumPy, grouping and aggregation, linear regression and model

- Visualized datasets with Diplomatic
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Big Data Analysis

- Performed predictive analytic and solve the big data problems.
- Developed large scale data analysis program using Python.
- Visualized bigdata solutions.

Data Visualization

- Created plots and dashboards with tableau.
- Created plots in R using base graphics and ggplot2.
- Created plots in Python, Matplotlib.

Education

Master of Data Science in Data Science

Maryville University of Saint Louis - St. Louis, MO
2022

Master of Computer Science in Computer Science

Virtual University of Pakistan - Lahore, PK
September 2017

Master of Science in Information Technology

University of Sargodha - Sargodha, PK
April 2014

Bachelor of Computer Science in Computer Science

Virtual University of Pakistan - Lahore, PK
June 2011

Skills

- R Programming
- Python
- Tableau
- Data Visualization
- Mathematics
- Data Analysis
- Statistics
- SQL
- Regression Analysis
- Data Science
- Analytics
- Git
- Microsoft SQL Server
- Machine Learning

- Computer Science
- MySQL

Links

<http://www.linkedin.com/in/nailamunir>