




ZAIN UL ABIDEEN


DATA ANALYST

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 islamabad ,Pakistan

SKILLS

Data Analysis

Python ,R , DJANGO ,STREAMLIT

SQL,MYSQL,MongoDB

DATA VISUALIZAION

MACHINE LEARING

DATA EXTRACTION

DATA PREPROCESSING

BIG DATA TECHONOLOGIES
(HADOOP,SPARK)

ETL PROCESS

EDUCATION

B.Sc Computer Systems Engineering

University of Engineering & Technology Peshawar

2019-2023

B.Sc. in Computer System Engineering, a comprehensive degree program that equipped me with a strong foundation in computer hardware, software, and network systems. Through this program, I gained valuable insights into designing, implementing, and optimizing complex computing systems to meet industry demands.

PROFILE

I am an engineer with a prestigious degree from the University of Engineering and Technology. My professional experience includes working as a Customer Care professional, where I have honed communication, problem-solving, and conflict resolution skills. Additionally, I have a strong foundation in Data Science, with expertise in Machine Learning and Python programming. Currently, I am a data analyst, eager to take on new challenges with resilience, determination, and an open-minded approach, aiming to contribute meaningfully to any new opportunity that comes my way.

WORK EXPERIENCE

Data Analyst

Massive Dynamics

2023-present

- Designing, developing, and maintaining data-driven solutions, including data pipelines and databases, to support efficient data retrieval and analysis.
- Utilizing programming languages such as Python, R, or SQL to manipulate and analyze large datasets, extracting valuable insights and trends.
- Implementing data visualization techniques using tools like Tableau, Power BI, or matplotlib to present findings and aid in decision-making processes.
- Conducting thorough data quality checks and data cleaning procedures to ensure accuracy and reliability in analytical outputs.
- Collaborating with cross-functional teams to understand business requirements and provide data-driven insights that contribute to strategic planning and decision-making.
- Employing statistical methods and machine learning techniques to identify patterns, correlations, and predictive models from data.
- Creating comprehensive reports and dashboards to communicate analytical results effectively to stakeholders.
- Participating in data-driven projects to solve complex problems, identify opportunities, and drive process improvements.
- Assisting in the design and implementation of data governance and data security measures to safeguard sensitive information.
- Keeping up-to-date with the latest advancements in data analysis techniques and tools to continually enhance analytical capabilities.

Microsoft Learn Student Ambassador

Microsoft

2022-2023

- Community Engagement: Student Ambassadors participate in events like workshops, meetups, and hackathons to share their tech expertise with peers and professionals.
- Tech Advocacy: Ambassadors promote Microsoft technologies to foster a culture of learning and innovation among students.
- Training and Learning: Ambassadors access exclusive Microsoft resources to enhance their technical skills across domains.
- Networking Opportunities: The program connects Ambassadors with professionals, leaders, and fellow Ambassadors worldwide.
- Leadership Development: Ambassadors lead events and community initiatives to develop strong leadership skills.
- Exclusive Swag and Perks: Participants receive recognition through Microsoft Learn Student Ambassador swag and certificates.
- Career Development: Being an Ambassador enhances a student's resume and carer prospects.
- Online and In-Person Events: The program offers diverse engagement opportunities for Ambassadors.

SOFT SKILLS

- Communication: Clearly explain technical concepts to non-technical audiences.
- Problem-Solving: Analyze data to solve business issues.
- Attention to Detail: Ensure data accuracy and quality.
- Curiosity and Continuous Learning: Stay eager to learn new tools and techniques.
- Collaboration: Work well with cross-functional teams.
- Time Management: Meet project deadlines effectively.
- Adaptability: Handle new challenges and changes in requirements.
- Empathy: Understand stakeholders' needs and perspectives.
- Data Visualization: Present insights using compelling visuals.
- Storytelling: Present data in a compelling narrative.
- Ethics and Integrity: Maintain data privacy and ethical practices.
- Interpersonal Skills: Build positive relationships with others.
- Negotiation: Handle priorities and trade-offs effectively.
- Resilience: Stay persistent and resilient in projects.

LANGUAGES

Urdu	◆◆◆◆◆
English	◆◆◆◆◆
Pushto	◆◆◆◆◆

REFERENCES

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PROJECTS

Depression Detection Model Development

Fynal Year Project

2022-2023

- Project Title: "Big Data Sentiment Analysis for Depression Detection"
- Objective: Develop a sentiment analysis model using machine learning and natural language processing to detect signs of depression in social media posts.
- Purpose: Provide early intervention and support for individuals at risk of depression.
- Approach: Utilize data wrangling techniques to preprocess social media data for analysis.
- Data Pipeline: Set up a structured data pipeline for efficient data handling and analysis.
- Machine Learning: Implement machine learning algorithms to perform sentiment analysis on social media posts.
- Data Visualization: Visualize the results of sentiment analysis to gain insights and identify patterns.
- Skills Development: Opportunity to enhance data analysis and machine learning skills through the project.
- Social Impact: Contribute to mental health awareness and well-being through technology.
- Final Year Project: Part of academic achievement in [insert program/course].
- Personal Growth: Gain valuable experience in working on real-world data analysis projects.

Data Engineer

IBM PROJECT

2020-2022

- Objective: Design and implement a data platform for retailer data analytics.
- Technologies: Utilize MySQL, MongoDB, and SparkML for various components of the data platform.
- Tasks:
 - Designing an OLTP (Online Transaction Processing) database for real-time data management.
 - Implementing a NoSQL database to handle unstructured and semi-structured data.
 - Creating a data warehouse for storing and processing large volumes of data.
 - Developing an ETL (Extract, Transform, Load) pipeline to extract, clean, and load data into the data warehouse.
 - Deploying a machine learning model to derive insights and predictions from the data.
- Purpose: Facilitate data-driven decision-making and analytics for retailers.

CERTIFICATION

Google Data Analyst Professional Certificate 2020

IBM Data Science Professional Certificate 2021

IBM Data Engineer Professional Certificate 2022