

# Muhammad Eatesaam

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**Location:** Lahore, Punjab, Pakistan



## Professional Summary:

Results-oriented Data Engineer with a strong background in data analytics, designing and implementing scalable data infrastructure solutions. Equipped with a comprehensive understanding of data management principles, ETL processes, and big data technologies, I am committed to leveraging my expertise to optimize data pipelines, enhance data quality, and drive meaningful insights for business growth.

## Skills:

**Programming Languages:** Python, SQL, JavaScript ES

**Libraries:** Numpy, Pandas, Pyspark, Beautiful Soup, Boto3, Matplotlib, Seaborn, Plotly

**Tools:** Apache Airflow, Tableau, Git, Docker, MS Office Suit

**Databases:** PostgreSQL, MySQL, DynamoDb, Amazon RDS

**Platforms:** Amazon Web Services (AWS)

**Others:** ETL, ELT, Data Pipeline, Data Profiling, Data Cleaning, Data Aggregation, Data Wrangling, Relational Database, Data Transformation, Data Visualization, Data Analytics, Data Analysis, Relational Database, Non-Relational Database, NoSQL, Data Warehouse, Data Mart, Data Lake, Dashboard, Reporting, Business Intelligence, Business Analytics, Validation Checks, Solution Design, Reporting and Visualization, Data Management, Technical Writing, Documentation, Communication, Server less Application Development, API'S, CI/CD, Scrapping, Data Governance, Data Ingestion, Query Optimization, Web Crawling, Unstructured Data, API Development, Data Engineering, Rest API, Data Manipulation.

## Professional Experience:

### Freelance

**Location:** Remote Lahore Pakistan

**Time Period:** April 2023 – Present

**Position:** Data Engineer

**Industry:** Software

- Designed, implemented, and maintained scalable and efficient data pipelines for data extraction, transformation, and loading (ETL).
- Optimized and troubleshoot data-related issues, ensuring data quality and reliability.
- Implemented and maintain data architecture, considering scalability and future needs.
- Developed and execute queries and scripts to extract, transform, and analyze data.
- Conducted in-depth data analysis to deliver actionable insights, resulting in a 15% improvement in business decision-making accuracy within a specified timeframe.

### Starkey Technologies

**Location:** Remote Birmingham UK

**Time Period:** April 2021 – April 2023

**Position:** Data Engineer

**Industry:** Software

- Designed and implemented end-to-end data processing solutions, encompassing ETL/ELT pipelines and serverless applications on AWS, resulting in an 80% reduction in job management time.
- Conducted in-depth data analysis, implementing data-driven strategies that improved key business metrics by 10% and led to a 15% reduction in operational costs within six months.
- Demonstrated expertise in data cleansing, aggregation, and transformation using Python and SQL, with a 20% reduction in SQL query execution time.
- Produced highly effective reports and presentations, achieving a 90% stakeholder satisfaction rate, and delivered visualizations that enhanced data interpretation by 12% for business teams.
- Maintained a 95% adherence to project deadlines, minimizing delays, while reducing project-related queries from stakeholders by 15% through clear and concise documentation.

### **The Superior Group**

**Location:** Onsite Lahore Pakistan

**Time Period:** Sep 2019 – March 2021

**Position:** Software Engineer

**Industry:** Education

- Coordinated collaborative coding efforts, fostering efficient development practices among team members.
- Designed and implemented custom web pages using HTML and JavaScript for existing websites, enhancing user interfaces with modern technologies such as JavaScript frameworks, HTML5, and CSS3.
- Achieved a 30% improvement in website load times and a 50% reduction in downtime through optimization efforts.
- Successfully executed a seamless migration of a website to a new platform without any downtime.
- Demonstrated proficiency in data handling by optimizing SQL queries, building web scrapers in Python for data extraction, and performing data transformation and validation tasks using Python, SQL, and MS Excel.

### **Education:**

**Superior University**

**(2015-2019)**

BS Software Engineering

### **Certifications & Trainings**

#### **SQL**

HackerRank Jun 2023

#### **Career Essentials in Data Analysis by Microsoft and LinkedIn**

Microsoft May 2023

#### **IBM Data Engineering**

Coursera Sep 2022

#### **Cloud Solution Architect (AWS) Bootcamp**

Contour Software May 2023 – June 2023

### **Reference:**

Reference will be furnished on demand.