Muhammad Yasir Siraj

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LinkedIn | GitHub | Portfolio

Skills

Technical Skills: ETL | Data warehousing | Data Architecture | Data Modeling (Star & Snowflake Schema) | Data Integration Model | Data Flow Diagram (DFD)

Languages and Tools: SQL | Power BI | Excel | Python (Pandas, NumPy, Matplotlib)

Soft Skills: Effective Communication | Team Collaboration | Leadership

Work Experience

Indigo Links, Australia   June 2023 – April 2025

Remote Project Coordinator

- Maintained the **Data Warehouse** by performing bulk data inserts into the bronze layer and transforming it into silver and gold layers to prepare it for storage and analysis.
- Created **Power BI** dashboards to analyze performance metrics, uncover trends, and support data-driven decision-making to avoid more defects and complaints.
- Developed and maintained real-time data tracking dashboards in **Excel** to maintain and update comments for on-going activities.
- Coordinated across 11 subcontractor teams to ensure smooth project execution, clear stakeholder communication, and timely defects resolution that minimize client-related costs.
- Supported strategic planning through data-driven risk assessments and improved inventory workflows by working closely with vendors and internal teams.
- SQL Server, SQL, Excel, Power BI, Service Max, Power Apps

Project Work

Pizza Place Sales Analysis: Created interactive dashboards in **Excel** and **Power BI** to track and analyze online pizza place sales, enabling data-driven decision-making for both technical and non-technical users.

Data Warehousing Project: Built a scalable data warehousing solution using Medallion Architecture (Bronze, Silver, Gold) with ETL pipelines, Data Architecture design, Data Flow Diagrams, Star Schema modeling, and a unified Data Integration Model.

Cyclistic – Bike Sharing Scheme: Analyzed Cyclistic bike-sharing data using Python (Pandas, NumPy, Matplotlib) to uncover user trends and behavior patterns, supporting data-driven marketing strategies.

Education

Bahria University Karachi   Feb 2019 - Feb 2023

B.S in Information Technology

- **Final Year Project (FYP):** Developed an Automated Exam Paper Formation & Submission System, standardizing paper formats and eliminating manual system using HTML, CSS, JavaScript, Xamp.

Certifications

Professional Google Data Analytics - Google

- Learned ETL processes, Data cleaning, Data transforming, Data visualization with Power BI, Excel, SQL and Python on large Data sets of business case studies.

Excel Basics for Data Analytics - IBM

- Worked on spreadsheets for data analysis and visualization in the form of Dashboards.

The Structured Query Language (SQL) – University of Colorado Boulder

- Basic of SQL including DML/DDL operations, window functions, stored procedures, packages, joins and sub-queries.