

# Muhammad Sufyan

## Data Analyst

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### PROFESSIONAL SUMMARY

Data professional with hands-on experience building analytics pipelines and interactive dashboards. Proven ability to extract insights from complex datasets and translate findings into actionable business intelligence. Seeking to leverage technical expertise and problem-solving skills in a data analyst role.

### TECHNICAL SKILLS

SQL | Python | Excel | Power BI | Tableau | Data Cleaning | Data Visualization | Statistical Analysis | Database Management

### PROJECTS

#### Job Market Intelligence System

- Developed an NLP-powered analytics system to identify in-demand skills and career transition pathways from large-scale job posting datasets
- Built end-to-end data pipeline using Python (pandas, scikit-learn) with TF-IDF analysis and K-Means clustering, achieving 53% skill coverage across normalized job roles
- Created interactive Power BI dashboard visualizing salary trends by skill and experience level, role archetypes, and career progression pathways
- Delivered reproducible analysis with modular codebase enabling actionable career planning insights

#### Global Unemployment Rate Dashboard

- Analyzed global unemployment patterns across 150+ countries to identify demographic and regional trends using World Bank data
- Cleaned and transformed raw datasets, then built interactive Power BI dashboard with dynamic filters by country, gender, and age group
- Identified top 10 highest unemployment countries and visualized demographic disparities for policy-relevant analysis.

### PROFESSIONAL EXPERIENCE

#### Edwom Technologies | Development Intern | Aug 2024 - Oct 2024

- Optimized performance of 2 WordPress websites, reducing page load time by 30% through systematic testing, data-driven troubleshooting, and plugin configuration.
- Built responsive web application using MERN stack (React, Node.js) with focus on user-centric design and interface functionality.
- Tested and debugged 20+ REST APIs using Postman, identifying performance bottlenecks through analysis and improving response time by 25%.

### EDUCATION

**Bachelor of Science (Computer Science)**, DHA Suffa University, Karachi - Oct 2024