

Taha Ali Khan Data Analyst | Data Engineer
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About Me:

Dynamic Data Analyst and Engineer with 3+ years of expertise in advanced data management, ETL optimization, and actionable reporting. I have a proven ability to work with cross functional teams to design data driven solutions that enhance customer satisfaction and streamline business operations. My focus on improving data processing and delivering insightful reports has consistently led to increased operational efficiency and cost savings.

- Improved ETL processes by 15%, boosting data processing speed.
- Enhanced project efficiency by 20% through team collaboration and coordination.
- Reduced project timeline impact by 15% using risk mitigation strategies.
- Achieved \$20,000 in cost savings through optimized data integration.
- Delivered insights resulting in a \$30,000 boost in operational performance.

Technical Skills

▪ **Data Analysis & Management:**

- Python (Pandas, NumPy, Matplotlib), R (statistical computing, visualization), SQL, NoSQL
- Data cleaning, preprocessing, validation, and profiling
- Business metrics expression and storytelling
- ETL pipeline development (Apache Spark, Python, SQL, APIs)

▪ **Data Visualization:**

- Power BI, Tableau, R
- Interactive dashboards, reporting for decision-making

▪ **Data Engineering & Machine Learning:**

- Apache Spark, scikitlearn
- Statistical modeling, machine learning algorithms for forecasting and optimization
- Data integration using ETL processes and APIs

▪ **Project Management & Collaboration:**

- JIRA, Trello, Asana, Slack, Teams
- GitHub, Confluence (documentation)
- Agile methodology for cross functional team coordination

▪ **Web Development & Automation:**

- HTML5, CSS3, Node.js, MySQL, PHP, Linux (bash scripting, automation)
- Frontend development and basic web design
- Automation of tasks for productivity improvements (20% increase)

▪ **Cloud Technologies & Infrastructure:**

- Virtual Private Networks (VPNs), Remote access systems
- Cloud based data solutions and collaboration tools (Microsoft Teams, Zoom)

▪ **Customer Facing AI/ML Solutions:**

- Consumer behavior analysis, trend forecasting, primary research
- Market analysis and performance metric monitoring

Work Experience

1. Data Analyst (Consultant)

Soil deep drilling and contracting LLC, Dubai, UAE | Jul 2024 – Present

- Refined KPIs in collaboration with stakeholders, leading to a 5% revenue increase.
- Developed ETL processes, reducing labor hours by 10% and improving data accuracy by 15%.
- Automated data workflows, enhancing productivity by 20%.
- Created interactive Power BI and Python based reports for strategic decision making.

2. Data Engineer (Contract)

Walmart Inc, Toronto, Ontario, CA | Mar 2024 – May 2024

- Optimized ETL pipelines with Apache Spark, improving data speed by 15%.
- Produced high quality dashboards and reports in Tableau, Power BI, and Excel.
- Translated business requirements into actionable data solutions, improving customer satisfaction.
- Documented ETL processes using Confluence and GitHub, ensuring transparency and compliance.

3. Data Analyst (Contract)

Go Logistics, Ajax, Ontario, CA | Jun 2022 – Dec 2023

- Gathered and integrated data from multiple systems, achieving \$20,000 in cost savings.
- Reduced data errors by cleaning and preprocessing data using Python libraries (Pandas, NumPy).
- Developed machine learning models for forecasting, contributing to a \$30,000 operational efficiency increase.
- Visualized KPIs and trends with Power BI, driving \$25,000 in cost reductions.

4. Head of IT and Analytics

Mastel Technical Contracting LLC, Dubai, UAE | Sep 2019 – Jan 2021

- Spearheaded the transition to remote work environments, ensuring secure and reliable access for employees.
- Implemented AI/ML tools to improve decision making and productivity.
- Utilized predictive analytics to guide operational decisions during the COVID19 pandemic.
- Provided remote IT support and troubleshooting, ensuring uninterrupted business operations.

5. Digital Marketing Intern

Next Three Marketing Management LLC, Dubai, UAE | Jan 2019 – Apr 2019

- Managed social media channels and designed elements for business cards and website frontend.
- Assisted in administrative tasks, including invoice and LPO generation.

Education

Postgraduate Diploma in Business IT

Seneca Polytechnic, Ontario, Canada | Jan 2022 – Dec 2023

Bachelor of Science in IT (Honors)

Middlesex University, Dubai, UAE | Sep 2018 – Jun 2021

Visa Status

Residence visa (transferable)