

Taha Ali Khan Data Analyst | Data Engineer

Sharjah UAE | +971 56 2010813 | tahaalikhan30@gmail.com | [Github](#) | [StackOverflow](#) | [LinkedIn](#)

Skills:

- Data analysis: Python (Pandas, NumPy, and Matplotlib) R (statistical computing and visualization) Jupyter notebook (equations, visualizations, and explanatory text)
- Data visualization: PowerBi, Tableau, R.
- Data preprocessing: Excel, scikit-learn (Python), SQL, NoSQL, Apache Spark, Weka.
- Project Management: Jira, Teams, Slack.
- Quality Assurance: Data validation, cleaning, profiling, visualizing.
- Web Dev (Front end): HTML5, CSS3, Node.js, Apache2, MySQL, Php.
- LinuxOs: Navigate system file directories, install efficient distros, Manage User group settings and policies, manipulate Linux commands for process management and software update, Automating multiple tasks.

Summary:

Data Analyst with a proven track record of significantly contributing to company growth through advanced data warehousing, process validation, and comprehensive business needs analysis. Proficient in SQL, Python, R, Tableau, and Excel, with expertise in data mining, ETL processes, statistical analysis, and predictive modeling. Ability to understand customer requirements and translate them into actionable project plans, leading to increased efficiency and productivity.

Work Experience:

1. **Walmart inc.** Toronto, Ontario CA Mar 2024- May 2024

Responsibilities as a Data analyst (contract)

- **Advanced Data Management and ETL Optimization:** Cleanse, validate, and extract data from various sources (SQL databases, NoSQL databases, data warehouses like Amazon Redshift, Google Big Query, APIs, flat files) using tools like Python, R, SQL, and Talend. Ensure data integrity and load transformed data into target systems (data lakes like Azure Data Lake, AWS S3, data warehouses). Develop and maintain efficient ETL pipelines, optimizing performance with Apache Spark, Apache NiFi, and identifying bottlenecks using performance tuning techniques.
- **Insightful Reporting and Advanced Analytics:** Produce high-quality reports and interactive dashboards using Tableau, Power BI, and Excel. Directly engage with managers and decision-makers to discuss findings and recommendations, leveraging data visualization best practices.
- **Customer Requirement Translation and Cross-Functional Collaboration:** Understand and translate customer requirements into effective data solutions using business needs analysis and process validation. Improve customer satisfaction and business outcomes. Collaborate cross-functionally using project management tools like Trello, Asana, and JIRA to identify data-related needs, integrate data solutions with business processes, and foster a data-driven culture.
- **Comprehensive Documentation and Process Transparency:** Document ETL processes thoroughly using tools like Confluence, JIRA, and GitHub, ensuring transparency, version control, and reproducibility. Maintain

high standards of data quality and accuracy using data validation techniques and quality assurance best practices. Ensure seamless data integration and accessibility across the organization, supporting data governance and compliance requirements.

2.

Goverifield

Toronto, Ontario CA

Jun 2023-Oct 2023

Responsibilities as a Project Co-Ordinator (Intern)

▪

Team Coordination and Schedule Management: Coordinate cross-functional teams using collaboration tools like Microsoft Teams and Slack. Utilize Agile and Scrum methodologies for efficient project management.

▪

Risk Identification and Mitigation: Identify and mitigate project risks with advanced software like Riskalyze and RiskWatch. Use predictive analytics to minimize impact on timelines.

▪

Advanced Reporting and Stakeholder Communication: Generate comprehensive reports using Tableau, Power BI, and Excel. Present insights for informed decision-making, leveraging SQL and data warehousing.

▪

SCADA and HMI System Collaboration: Collaborate on SCADA and HMI systems with tools like Wonderware InTouch and Ignition by Inductive Automation. Ensure system reliability with IoT and PLC programming.

3.

Go Logistics

Ajax, Ontario CA

Jun 2022- Dec 2022

Responsibilities as a Data Analyst (Contract)

▪

Data Collection and Integration: Gather data from various sources like transportation systems and inventory management software. Integrate using ETL processes and APIs.

▪

Data Cleaning and Preprocessing: Clean and preprocess data to ensure quality and consistency. Use Python, Pandas, and NumPy for efficient manipulation.

▪

Data Analysis and Insights Generation: Analyze data to identify patterns and trends. Develop statistical models and machine learning algorithms for forecasting and optimization.

▪

Performance Monitoring and Reporting: Monitor KPIs such as on-time delivery rates and transportation costs. Create reports and visualizations using Tableau or Power BI for effective communication.

Education:

1.

Seneca Polytechnic

PG-Diploma in Business information technology

Ontario, Canada

Jan2022-Dec2023
2.

Middlesex University

BSC IT Honors in Information technology

Dubai, United Arab Emirates

Sep2018-Jun2021

Visa Status:

Valid Visit Visa till 13th June 2024

Driver's License:

Valid UAE DL till 2026