**ELMADDIN KARIMOV**

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Self-motivated, detail oriented and initiated **Data Analyst** with experience in analysing the data using SQL queries to provide business solutions. Looking for an opportunity to utilize my skills and help organization achieve its goals

**SUMMARY OF QUALIFICATIONS**

* 8+ years of experience in IT industry as a Quality Assurance &Data Analyst
* Experience in analyzing, manipulating, cleansing and validating data using **Excel** (Pivot Table, **VBA**), **SQL**, NoSQL, **Python** (Pandas, NumPy, Matplotlib, API Interactions, Social Media Mining), HTML/CSS, JavaScript, **Tableau,** Power BI, Hadoop, Machine Learning
* Significant technical skills include **SQL** (Aggregate Functions, Sub-Queries, Joins, Group Functions, Single Row Functions), MS Excel, MS Outlook, MS Word, MS PowerPoint
* Significant knowledge in creating dashboard using BI tool - **Tableau**
* Understand business requirements, analyze data model, data structure, code and data flow to prepare mapping documents for **ETL** Work
* Knowledge of programming languages in order to reading code and functions including **Phyton and Java**
* Experience in presenting data in the form of charts, graphs, tables, designing and developing relational databases for collecting data
* Hands-on experience in different file transfer methodologies and different file types and layouts such as **csv, json, txt, XML**
* Experience in extracting, manipulating and categorizing complex data and producing accurate output
* Proven ability to query and handle large complex datasets from various sources
* Develop and maintain excellent working relationships with all stakeholders
* Banking experience with **Credit Risk** and **Anti-Money Laundering (AML)**
* Superior oral and written communication skills; proficient in documentation, analysis, and reporting, mathematical, and creative problem-solving skills

**PROFESSIONAL EXPERINCES**

**Data Analyst**  Jan 2019 - Present

*ITSIGN Solutions* Toronto ON

* Processed data for analysis and prepared reports based on extensive qualitative and quantitative data analysis
* Performed data collections, validations, and monitoring
* Identified trends within data sets, categorized patterns, and provided feedback to business owners to help improve data quality
* Developed a day-to-day issue tracker to keep a documented track of all raised quality concerns
* Analysed data using Excel and SQL to check accuracy of data in database tables
* Extracted data from different sources, and loading it into analytical tools for data analysis
* Validated market data from difference sourcing both internal and external using SQL queries and/or running automated jobs in Python
* Create dashboards, visualizations, and other advanced analytics reports
* Ensure projects are completed according to product specifications and are properly documented

**DATA ANALYST**  May 2018 - December 2018

*Scotiabank*  Toronto, ON

* Processed large set of data for analysis and prepared reports based on extensive qualitative and quantitative data analysis
* Run complex SQL and Excel to validate data integrity, accuracy and comprehensiveness for end to end data lineages using data mapping documents
* Worked with a large set of data, identify trends within large data sets, categorizing patterns, and providing feedback to technology owners to help improve data quality.
* Involved in data mining, transformation and loading from the source systems to the target system
* Extracted data from multiple in-house database system, and loading it into analytical tools for data analysis and data visualization
* Performed Data mapping between source systems to Target systems, logical data modeling, created diagrams and used SQL queries to filter data
* Worked on data modeling and produced data mapping and data definition specification documentation
* Involved in creating/modifying reports using Tableau Reporting Tools
* Provided useful actionable analytical insights for clients to enhance their customer lifecycle management.
* Advising on the suitability of methodologies and suggesting improvements.
* Performed a presentation to management team with findings and improvement recommendation
* Environment: MS Office, Python, SQL, Tableau

**Data Analyst** Jan 2015 – Apr 2018

*Premier Craft Design Studio*  Toronto ON

* Produced spreadsheets reporting on statistical information, graphs, charts, or excel spreadsheets
* Processed data for analysis with Excel, SQL prepared reports
* Extracted/consolidated information from sources, manipulated data to explore production behavior
* Validated data extraction/loading process to ensure a complete transfer from its source to system
* Manipulated data using advanced SQL queries includes Aggregate Functions, Sub-Queries, Joins, Group Functions, Single Row Functions
* Designed and built reports, dashboards, graphs and tables using Excel
* Defined pricing to orders- work closely with sales teams and customers to gather required information and produce a competitive quote
* Created and maintained all pricing related data in files

**EDUCATION**

**GANJA STATE UNIVERSITY – Mathematics**

**UNIVERSITY OF TORONTO - Data Analytics and Visualization**

**Skills / Technologies:**

* Java
* Python (NumPy, Pandas, Matplotlib, Seaborn, API )
* Oracle, PostgreSQL , MySQL , SQL Alchemy
* NoSQL-MongoDB
* HTML/CSS/ JavaScript
* AWS
* Web Scraping (Beautiful Soup)
* Tableau, Power BI
* ETL
* Machine Learning
* Big Data with Hadoop
* Git / GitHub