

# ELMADDIN KARIMOV

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Self-motivated, detail oriented and initiated **QA & 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

## **SKILLS**

- ✓ 5+ years of experience in IT industry as a 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 **Python 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
- ✓ Superior oral and written communication skills; proficient in documentation, analysis, and reporting, mathematical, and creative problem-solving skills
- ✓ Develop and maintain excellent working relationships with all stakeholders

## **PROFESSIONAL EXPERINCES**

### **QA & 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*

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**

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

#### **Skills / Technologies:**

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