

ELMADDIN KARIMOV

Tel: 647-770-2002

E-mail: nasirsoy@gmail.com

Web: <https://elmaddinkarimov.github.io>

GitHub: <https://github.com/elmaddinkarimov>

LinkedIn: <https://www.linkedin.com/in/elmaddinkarimov>

SKILLS

- ✓ IT professional with experience in Software industry as **Data Analyst**
- ✓ Extensive experience in analyzing, manipulating, cleansing and validating data using **SQL**, SQL Alchemy, **Python** (Pandas, NumPy, Matplotlib), **VBA**, HTML/CSS, **JavaScript** (D3.js, Leaflet.js), API Interactions, Social Media Mining, Advanced Statistics, Tableau, Hadoop, Machine Learning
- ✓ Strong experience in **Data Analysis**, Data Profiling, Data Migration, Data Mining, Data Cleansing, Data Conversion, Data Visualization, Data Quality, Data Integration, Metadata, Data Mapping and Data Modelling
- ✓ Significant technical skills include **SQL** (Aggregate Functions, Sub-Queries, Joins, Group Functions, Single Row Functions), **MS Excel** (VLOOKUP, Pivot table, Index, Match, IF Statements, PowerPivot), MS SharePoint, MS Outlook, MS Word, MS PowerPoint
- ✓ Significant knowledge in creating dashboard using BI tool - **Tableau**. Create Data Architectural Landscape Diagram using **Visio**
- ✓ Deep knowledge of programming languages in order to reading complex 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
- ✓ Superior oral and written communication skills; proficient in documentation, analysis, and reporting, mathematical, and creative problem-solving skills

EDUCATION

Ganja State University – Bachelor’s Degree

UNIVERSITY OF TORONTO - Data Analytics and Visualization

Skills / Technologies:

- | | |
|---|----------------------------------|
| • Advanced MS Office | • ETL |
| • Java | • JavaScript (D3.js, Leaflet.js) |
| • Python (NumPy, Pandas, Matplotlib, Seaborn) | • R |
| • API Interactions | • Tableau |
| • Advanced SQL-SQL Alchemy | • Machine Learning |
| • Advanced NoSQL-MongoDB | • Big Data with Hadoop & Spark |
| • HTML/CSS | • Advanced Statistics |
| • Web Scraping (Beautiful Soup) | • Deep Learning |
| • Social Media Mining | • Git / GitHub |

PROFESSIONAL EXPERIENCES

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
- ✓ 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.

- ✓ Manipulated data using advanced **SQL** queries includes Aggregate Functions, Sub-Queries, Joins, Group Functions, Single Row Functions
- ✓ Extracted data using SSIS from XML, Oracle and flat files, Excel perform transformations and populate the data warehouse
- ✓ Performed Data Mapping between source systems to target systems, logical data modeling, created diagrams and used SQL queries to filter data
- ✓ Involved in creating/modifying reports using **Tableau** Reporting Tools
- ✓ Provided useful actionable analytical insights for clients to enhance their customer lifecycle management.

Environment: Machine Learning, Python, SQL/Server, Oracle, MS-Office, Tableau

DATA ANALYST

Sep 2017 - April 2018

Vena Solutions

Toronto ON

- ✓ Worked with data source systems and client systems to identify data issues, data gaps, identified and recommended solutions
- ✓ Designed reports in **Excel** using advanced functions not limited to VLOOKUP, pivot tables, formulas. Used **SQL** to validate the data going in to the Data Warehouse
- ✓ Imported, cleaned, transformed and validated data with the purpose of understanding the data for decision making purposes
- ✓ Worked with Data Warehouse Extract and load developers to design mappings for Data Capture, Staging, Cleansing, Loading, and Auditing
- ✓ Performed data mapping, data mining, extracting, transforming & loading from source systems to internal system to facilitate various tasks of data migration
- ✓ Created dashboards to facilitate data visualization for higher management
- ✓ Troubleshooted resolved and escalated data related issues and validating data to improve data quality
- ✓ Created pivot tables and charts using worksheet data and external resources, modified pivot tables, sorted items and group data, and refreshed and formatted pivot tables
- ✓ Prepared reports by collecting, merging, analyzing, and summarizing information

DATA QUALITY ANALYST

April 2016 - May 2017

Celestica Inc.

Toronto, ON

- ✓ Performed Data Entry and maintained data integrity on multiple information systems
- ✓ Processed solar manufacturing data for analysis with **Excel, SQL, Access**, or ODC prepared reports
- ✓ Review and respond to internal and external audit findings in order to implement procedures that meet or exceed expectations.
- ✓ 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, Gamma chart, graphs and tables using Excel, Access.
- ✓ Created inspection plan for incoming solar materials using Excel and performed first article inspection and released to production
- ✓ Performed a presentation to management team with findings and improvement recommendation.
- ✓ Worked with other Celestica facilities to deliver common high-quality solutions