ELMADDIN KARIMOV

Tel: 647-770-2002
E-mail: nasirsoy@gmail.com
Web: elmaddinkarimov.github.io
GitHub: github.com/elmaddinkarimov
LinkedIn: www.linkedin.com/in/elmaddin-karimov-25943b176

SKILLS

- ✓ 4+ years of IT professional experience in Software industry with **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 **Business and Data Analysis**, Data Governance, Data Profiling, Data Migration, Data Mining, Data cleansing, Data Conversion, Datavisualization, Data Quality, DataInt egration, Master Data Management, Metadata Management Services and Configuration Management.
- ✓ 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 Outlook, MS Word, MS PowerPoint, Data Mapping and Data Modelling
- ✓ Significant knowledge in creating dashboard using BI tool - **Tableau**.
- ✓ Data Analysis primarily Identifying Data Sets, Source Data, Source Meta Data, Definitions and Data Formats
- ✓ Excellent testing experience in all phases and stages of Software Testing Life Cycle and Software Development Life Cycle (**SDLC**) with good working knowledge of testing methodologies, disciplines, tasks, resources and scheduling
- ✓ Very good understanding of Data Warehousing concepts, Data Analysis, Data Warehouse Architecture and Designing.
- ✓ Deep knowledge of programming languages in order to reading complex 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
- ✓ Superior oral and written communication skills; proficient in documentation, analysis, and reporting, mathematical, and creative problem-solving skills

EDUCATION

UNIVERSITY OF TORONTO
Data Analytics and Visualization

Skills / Technologies:

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

PROFESSIONAL EXPERINCES

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.
- ✓ Created complex data analysis to troubleshoot issues related to **Risk Management, AML** and compliance issues
- ✓ Designed reports in **Access, Excel** using advanced functions not limited to VLOOKUP, pivot tables, formulas
- ✓ Verified and maintained Data Quality, Integrity, Completeness, **ETL** rules, business logic
- ✓ Extensively used **SQL** queries to check storage and accuracy of data in database tables with relational databases
- ✓ Good experience in **Agile** Methodologies, Scrum stories, and sprints experience in a **Python**-based environment, along with data analytics and Excel data extracts
- ✓ Extracted data using SSIS from XML, Oracle and flat files, Excel perform transformations and populate the data warehouse
- ✓ 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.
- ✓ Environment: Machine Learning, Algorithms, Data Modeling, Data Mining, Statistical Analysis, Phyton, SQL/Server, Oracle, MS-Office, XML, Python, 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, validated and modeled 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.
- ✓ Created Data Stage jobs to extract, transform and load data into data warehouses from various sources like relational databases, application systems, temp tables, csv., flat files etc.
- ✓ Analyzed and mined business data to identify patterns and correlations among the various data points
- ✓ 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