Elmaddin Karimov

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Self-motivated, detail oriented with experience in analysing the large data sets using different tools and technologies to provide business solutions. Looking for an opportunity to utilize my skills and help financial organization achieve its goals

SKILLS

- 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 analytical skills to collect, consolidate and analyze significant amounts of records with attention to detail, accuracy, integrity and completeness
- Significant knowledge in creating dashboard using BI tool - Tableau. Create Data Architectural Landscape Diagram using Visio.
- Significant technical skills include SQL (Aggregate Functions, Sub-Queries, Joins, Group Functions, Single Row Functions), MS Excel (VLOOKUP, Pivot table, PowerPivot), MS SharePoint, MS Outlook, MS Word, MS PowerPoint, Data Mapping and Data Modelling
- Knowledge of programming languages/software's in order to reading complex code and functions
- Experience in presenting data in the form of charts, graphs, tables, designing and developing relational databases for collecting data
- Very effective at interacting with internal and external customers, technology owners and external business stakeholders and solution architects / delivery team members. Ability to work independently and take initiatives
- 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
- Python (NumPy, Pandas, Matplotlib, etc.)
- Java
- JavaScript (D3.js, Leaflet.js)
- HTML / CSS
- API Interactions
- SQL – SQL Alchemy

- Hadoop
- Advanced Statistics
- Machine Learning
- Tableau
- Social Media Mining
- Git / GitHub - **www.github.com/elmaddinkarimov**

PROFESSIONAL EXPERIENCE

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 Word, MS Excel, MS Visio, MS Access, Power Point, ORACLE SQL, Outlook, SharePoint, 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
- Imported, cleaned, transformed, validated and modeled data with the purpose of understanding the data for decision making purposes
- Participated in requirement analysis by gathering client requirements, business needs, and project objectives via feedback sessions and client meetings
- Assisted the organization in performing data compiling, mining and analysis required to evaluate the given data
- Analyzed and mined business Data to identify patterns and correlations among the various Data points.
- Gathered information from various research reports and compile into reports to satisfy company's objectives.
- Prepared analysis reports and be responsible to answer queries, complaints or suggestions for data quality
- Monitored database for duplicate records. Merge the duplicate records and ensure that the information is associated with company records
- 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