BUSINESS DATA ANALYST

Career Overview

SQL Data Developer/Analyst demonstrated success in data analysis and data quality assurance. Comprehensive experience utilizing SQL, data modeling and relational database concepts in data mapping and data migration among different systems. Skilled in working closely with users to identify business and technical requirements. Detail-oriented with excellent problem solving and analytic skills to provide business solutions and the ability to deliver projects within timelines. Work well both independently and collaborative team player. Self-motivated, detail-oriented and passionate about digging into data and understanding the significance of the data.

Qualifications

Operating Systems: Windows 7 Enterprise, UNIX Programming Languages: SQL Server - T-SQL, Oracle - PL/SQL, Hadoop - Hive Query, Sybase, PERL. Tools: 2007 - 2015 - SQL Server 2012 (Management Studio and SSIS) , SAS Enterprise Guide 5.1, Excel 2003 1999 - 2007 - SQL Server 2003, Oracle, Informatica, Erwin, MS Access, Crystal Reports.

Work Experience

01/2009 to 01/2015
Business Data Analyst American International Group ï¼ Santa Fe , NM
01/2007 to 01/2009
Contractor Business Data Analyst

- Supported marketing systems (TAQC and VIN) that generate promotion programs to increase credit card spending for issuer banks and major merchants.
- Applied data modeling skills to design and develop relational database tables based on users' business requirements.
- Developed and constantly improved ETL processes to automate daily data loading process.
- Designed and implemented data quality monitoring reports and alerts.
- Utilized DDL/DML SQL commands to perform data validation to improve data quality; and perform data analysis to provide recommendation for business decisions.
- Generated Excel reports, charts and graphs to help users visualize the findings and make various business decisions.
- Shortened the daily file loading process from 2 hours to 5 minutes by utilizing SQL Server SSIS and Agent Jobs to replace the manual process.
- Improved auditing time by developing semi-automated auditing scripts to support significant business growth (a total of 180+ programs set up in FY14, which is 38% increased from FY13).
- Prevented the system and program setup error by performing thorough data auditing, resulting in increased program's accuracy rate as well as customer satisfaction.
- Improved the system's accuracy of properly identifying the location of each transaction.
- This is accomplished by analyzing large amounts of transaction data in Hadoop to find patterns/exceptions, which are presented to the stakeholders for data correction.

01/1999 to 01/2007
System Developer Imt Insurance ï¼ Eau Claire , WI

- Developed, monitored, and maintained daily operations for the global data warehouse, which included extracts, transforming, and loading data into data warehouse and distributing the end results for downstream processes.
- Collaborated with users to gather business and data requirements, perform analysis and provide technical solutions.
- Worked with vendors to set up processes and to resolve and prevent problems stemming from invalid data and file format.
- Shortened daily process cycles by tuning the ETL processes and SQL to minimize the loading time.
- Improved data quality and reliability by adding multiple layers of data validation processes, as well as automated error notification messages.
- Extended the functionality of the data warehouse to handle new business requirements, which included the design and development of new system layout and database tables.
- Applied normalization theory to reduce data redundancy, ensure data integrity, and optimize performance.
- Expanded the functionality of the data warehouse to meet the business needs of global offices including Tokyo and Toronto.
- Designed a scalable system process that allowed for future expansion to other offices.
- Increased user confidence in the data warehouse and established it as a key component of the business process by significantly improving its quality, reliability and timing.

01/1991 to 01/1999
Programmer Analyst BARCLAYS GLOBAL INVESTOR ï¼ City , STATE

- Analyzed current business environments, identified areas in need of technical improvements and developed applications that increased users' work efficiency.
- Designed relational database tables using normalization theory, thereby reducing data redundancy and allowing for data integration.
- Designed and developed trade upload/download applications that interfaced with the firm's global portfolio management system and the external trading system, eliminating duplicate entries of trades.
- Developed and implemented data warehouse project for month-end reporting that contributed to the success of the operations team.
- Developed and implemented a project to migrate accounting information into the firm's global system, providing users with accurate and up-to-date business critical information.
- Utilized MS ACCESS on multiple projects to interface with ORACLE database, enabling users to perform their own report writing.

Education and Training

B.S : Business Information Systems California State University ï¼ City , State GPA: Dean's List Business Information Systems Dean's List
Skills

accounting, auditing, automate, business process, charts, credit, Crystal Reports, customer satisfaction, data analysis, data integration, data modeling, data validation, data warehouse, database, DML, downstream, Erwin, ETL, graphs, Informatica, layout, marketing, MS ACCESS, Excel, Windows 7, Enterprise, Operating Systems, Oracle, ORACLE database, Oracle - PL/SQL, PERL, processes, Programming, promotion, quality, relational database, report writing, reporting, SAS, scripts, SQL, SQL Server, Sybase, tables, trading system, T-SQL, UNIX