**SUMMARY**

**6+ years of experience as a Data Analyst/ETL Analystwith expertise in data warehousing, data modeling, SQL Queries, Stored Procedures and Reporting tools.**

* Extensive experience in using all types of SQL Server Constraints, SQL Server Database design, Database maintenance, developing Transact- SQL queries, stored procedures, and triggers using SQL Servers.
* Expert in creating indexes, user defined functions, and common table expressions (CTEs) to facilitate efficient data manipulation and data consistency. Expert in Enterprise Reporting in generating reports using linked reports, sub reports and filters, charts in SQL server reporting services (SSRS).
* Experienced in ETL Processes: data extraction, cleansing/data integration, and loading from different data source using SSIS into Data Warehouses.
* Created SSIS Packages using Various Transformation like Derived Columns, Condition Split, Data Conversion, Aggregate, Merge Join, Sort, Execute SQL Task, Data Flow Task, and Execute Package Task etc, and to export cleaned data from Excel Spreadsheets, MS Access and CSV files to data warehouse
* Experience working with RapidMiner for Data Mining.
* Strong foundation in designing and executing Transact-SQL (T-SQL) Query statements with implementing experience in both syntax and logical structure such as: DDL/DML/DCL commands, Joins, UDF (User-Defined Functions), Stored Procedures, Triggers, Views, Indexes using SSMS (SQL Server Management Studio)
* Experienced in working with Star/Snowflake Schema modeling to develop ROLAP/MOLAP/HOLAP Cubes using SQL Server Analysis Services
* Efficient in generating Tabular, parameterized reports, drill down, drill through, cascading parameterized, and matrix reports using SSRS2012/2008R2/2005
* Proficient in SAS simulation & forecasting modeling, andusing SAS to access, extract, modify, merge, and analyze financial data and other SAS application for data update, data cleansing, and reporting
* Proficient working in Healthcare Domain.
* Experienced in Cube designing in Business Intelligence Development Studio to edit various properties of a cube, including the measure groups and measures, cube dimensions and dimension relationships.
* Excellent communication and inter-personal skills with ability to develop creative solutions for challenging client needs using agile methodologies.

**TECHNICAL SKILLS**

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| --- | --- |
| **Data Mining** | **SAS**, **SPSS, RapidMiner** |
| **Database Tools** | **SQL ServerManagement Studio**: Business Intelligence Development Studio; SQL Enterprise Manager; SQL Query Analyzer; MS-Access. |
| **ETL Tools** | Data Transformation Services (DTS), and MS SQL Server Integration  Services (SSIS) |
| **Reporting Tools** | MS SQL Server Reporting Services (SSRS), Informatica |
| **Data Modeling** | MS Visio, ER-Win |
| **BI Tools** | MS SQL Business Intelligence, Tableau, Cognos |
| **Languages** | SQL |

**PROFESSIONAL EXPERIENCE**

**Keystone Mercy Health Plan, Philadelphia, PA**

**Jun 2015 - Present**

**Data Analyst/ETL Analyst**

The Mercy Family of Companies provides healthcare solutions (Medicaid) for the underserved. The company owns, operates, and administers Medicaid managed care plans and related businesses throughout the United States.

**Responsibilities:**

* + Created SQL Databases, tables, indexes, and views based on user requirements.
  + Created joins and sub-queries for complex queries involving multiple tables.
  + Created Correlated sub-queries to fetch data from different Investment categories’ tables.
  + Using derived tables, Sub-querywrote SQL queries to extract data from SQL server and Teradata
  + Created various weekly and monthly portfolio reports showing detailed information by using SQL Server Constraints (Primary Keys, Foreign Keys, Defaults, Checks and Unique) in writing Transact SQL (T-SQL) queries and Dynamic-queries.
  + Join tables by employing INNER JOIN, INTERSECT, UNION ALL and UNION operators
  + Designed Created and deployed Star Schema for data flow diagram to illustrate where data originates and how data flows within the Enterprise Data warehouse (EDW).
  + Prepared documentation related to database design, objects security and rules
  + Experience in creating complex SSIS packages using proper control and data flow elements.
  + Created ETL packages with different data sources (SQL Server, Flat Files, Excel source files, XML files etc.) and then loaded the data into destination tablesby performing transformations using SSIS packages
  + Created data loads and Upgrade scripts for data migrations and validations
  + Created packages in SSIS with error handling.
  + Have deployed packages on different servers by configuring it.
  + Created SSRS Report Model Projects in BI studio and created, modified and managed various report models with multiple model objects, source fields andexpressions.
  + Used RapidMiner for Data Mining/Forecasting. Analyze the future trend using the same tool.
  + Deployed and generated reports on to the server using the SQL Server Reporting Services Report Manager.
  + Worked with various Delivery mechanisms of Reports including Email /PDF/Schedules etc.

**Environment:**

SQL Server 2012, ETL Tools (SSIS), SSRS, Win 8, Tableau, RapidMiner.

**Capital One 360, Wilmington, DE**

**Jul 2014 – May 2015**

**Data Analyst**

Capital One 360 is a subsidiary company of Capital One. It's an online and mobile bank which offering the online banking to the customers. The Project requirement was to migrate the mortgage loan data from MIS to Data Mart, generate financial reports using SSRS 2008R2, and export to the EXCEL Spreadsheet. As a part of the consulting team, I worked with the house mortgage loan business unit to validate the loan classification tool,ETL modules, testing trend analysis reports in Excel and SQL for efficient handling of distressed loans.

**Responsibilities:**

* Review business requirements for Single Family business unit and work closely with the System Analyst to streamline functional specifications.
* Developing/ Modifying SQL Scripts/Expressions for SSRS data access.
* Coding SSIS processes to import data into the Data Warehouse from Excel Spreadsheet, Flat Files and OLEDB Sources. Involved in performing incremental loads while transferring the data OLTP to data warehouse using different data flow and control flow tasks in SSIS.
* Create database objects like table, views, store procedure, triggers, user-defined functions etc. Using T-SQL to provide structure to store data and to maintain database efficiently.
* Generated Prompt generated/parameterized reports using SSRS 2008R2.
* Used dynamic parameters in SSRS to enable/ disable the parameters based on user selection.
* Involved in identifying and creating Data Sources and Data Source Views (DSV) in SSAS.
* Regular responsibilities for updating the front end along with the Report Creation.
* Exported all reports to EXCEL Spreadsheets for the business reporting.
* Responsible for Unit testing of the each report according to the required documentation.

**Environment:**

SQL Server 2012, SSIS, SSAS, Microsoft Office, Win 7.

**Amerigroup Real solutions, Virginia Beach, VA**

**Oct 2012 – Jun 2014**

**Data Analyst**

Amerigroup is an insurance company serving approximately 2.8 million members in 12 states nationwide, and offers real solutions that improve health care access and help to reduce the overall cost of care to taxpayers. Especially it serves more than 4.5 million beneficiaries of state sponsored health plans in 19 states, making it the nation’s leading provider of health care solutions for public programs. My role is to create reports for public health care program which help local low-income residence by Reporting in generating reports using linked reports, sub reports and filters, charts in SQL server reporting services (SSRS).

**Responsibilities:**

* + Gathering the requirements by interacting heavily with the business users, multiple technical teams to design develop the workflows for the new functional piece.
  + Experience in SQL joins, sub queries, tracing and performance tuning for better running of queries.
  + Responsible for installation of SQL Server, database design, and create schema objects like tables, views and indexes
  + Extensively used joins and sub queries for complex queries involving multiple tables from different databases.
  + Performance tuning of stored procedures and functions to optimize the query for better performance.
  + Transformed complex business logic into database design and maintaining it by using SQL objects, stored procedures, user defined functions, views, T-SQL scripting and jobs.
  + Successfully implemented indexes on tables for optimum performance.
  + Developed complex stored procedures using T-SQL to generate Ad-hoc reports within SQL Server Reporting services.
  + Created Sub Reports, Parameterized and Drill down Reports based on the requirements provided using SSRS.
  + Created various SSRS reports such as Multi-valued reports, Parameterized, Linked reports, Drill down reports, Tabular Matrix reports and Chart diagrams.
  + Scheduled SSRS reports for end users and managed the security of the reports.
  + Exported SSRS reports to various formats like PDF, Word and Excel and scheduled to reports to send as an email body.
  + Strong analytical and problem solving skills coupled with interpersonal and leadership skills.
  + Interaction with the clients to gather out the requirements and assist them in immediate workarounds for the issues with the application.
  + As SSRS developer, working closely with Business Analysts gathering and clarifying data reporting requirements

**Environment:**

SQL Server 2008, MS Visio, SSIS, SSRS, Win 7.

**AIG,Cincinnati, OH**

**June 2011 – Sep 2012**

**Data Analyst**

American International Group, Inc. is an insurance corporation with more than 88 million customers in 130 countries. AIG companies employ over 64,000 people in 90 countries. The company operates through two segments: AIG Property Casualty and AIG Life and Retirement. AIG Property Casualty provides insurance products for commercial, institutional and individual customers. The objective of this project is to review the unclaimed insurance amount over a certain period of time frame.

**Responsibilities:**

* + Migrated homogeneous databases from SQL Server 2005 to SQL Server 2008.
  + Created packages using SQL Server Integration Services (SSIS) from various database into different file systems.
  + Packages included a variety of transformations; for example, Look up, Aggregate, Derived Column, Conditional Split, Fuzzy Lookup, Multicast and Data Conversion.
  + Use event handing to send e-mail, display message box on error events at the time of transformation.
  + Created Tabular and Matrix Reports using Report Wizard and Report Designer and identifying datasets, data regions and Report Items accordingly.
  + Created Parameterized Reports using Stored Procedures and Query report parameters and cascading parameters.
  + Created complex reports and enabled drill-down functionality and applied the required formatting.
  + Developed Sub-reports and Master-reports accessible by bookmarks.
  + Deployed and published reports to the Report Server
  + Managed and scheduled reports subscriptions as well as added new users assigning appropriate roles
  + Developed Cubes using SQL Server Analytical Services (SSAS) for better Business Analysis
  + Involved in cube designing using SSAS 2008 and involved in the cube optimizations
  + Created and develop complex SQL queries using various Joins, Sub-queries, and Stored Procedures

**Environment:**

Windows 7, MS SQL Server 2008R2/2012, MS SSIS/SSRS/SSAS, MS Visio.

**Fifth Third Bank, Cincinnati, OH**

**Feb 2010– May 2011**

**Data Analyst**

Fifth Third Bancorp is a diversified financial services company headquartered in Cincinnati, Ohio. Fifth Third operates four main businesses: Commercial Banking, Branch Banking, Consumer Lending, and Investment Advisors, and is among the largest money managers in the Midwest. I worked for a specific database project to design a new database schema, migrating data from MS Access to SQL Server 2008, performing analysis and then generating various types of reports.

**Responsibilities:**

* Transformed data from MS SQL Server 2005 to MS SQL Server 2008 using OLE DB connection by creating various SSIS packages.
* Created SSIS Packages using Various Transformation like Lookup, Derived Columns, Condition Split, Data Conversion, Aggregate, Merge Join, Sort, Execute SQL Task, Data Flow Task, and Execute Package Task etc. to generate underlying data for the reports and to export cleaned data from Excel Spreadsheets, Text file, MS Access and CSV files to data warehouse.
* Create Data Transformation tasks like BULK INSERT to import/ export data from clients.
* Designed a new schema for the Data Mart databases.
* Implemented SSAS Cubes, Facts, and Dimension tables to perform analysis.
* Created MDX queries to extract data from the Data Mart.
* Generated Dynamic reports from Cubes (SSAS) using SSRS.
* Extensively used SSIS for transferring data manually from DTS to SSIS packages using SSIS 2008.
* Extensively used SSIS transformations such as lookup, merge, merge join, conditional split, derived column, data conversion and aggregate etc.
* Handled slowly changing dimensions to maintain the history of the data. Responsible for creating cubes and dimensions using SSAS.
* Created business critical KPIs using SSAS representing aggregations in several different ways - hierarchically and using custom groupings that the company will use to analyze performance.
* Designed, developed and deployed reports like sub-reports, drill down reports, and drill through reports and parameterized reports in MS SQL server environment using SSRS.

**Environment:**

Windows 7, MS SQL Server 2005/2008R2, MS SSIS/SSRS/SSAS, MS Visio.

**EDUCATION**

* Master of Science, EMBA, University of Isfahan, Isfahan, Iran
* Bachelor of Science, Business Economics, University of Isfahan, Isfahan, Iran