**Mohammed Umar Nisar Ansari**

**320-322-1801 umaransari.ba@gmail.com**

**RELEVANT EXPERIENCE:**

* Over 8+ years of experience in the Information Technology (IT) Industry serving as a Data Analyst in Data governance and warehousing environment.
* Experience in gathering and writing detailed **business requirement** and translating them into **technical specifications/ System Requirement Specifications** (SRS) and **design** identifying interface and business process specifications
* Expertise with **ETL Teradata(12,13.1) TPT utilities, Fast Export, Fast load, Mload, Tpump and BTEQ**
* Experience in Data Transformation, Data Loading, Modeling and Performance Tuning.
* Extensive experience in Data Analysis and ETL Techniques for loading high volumes of data and smooth structural flow of the data.
* Worked with heterogeneous relational databases such as Teradata, Oracle, MS Access and SQL Server.
* Managed, updated and manipulated report orientation and structures with the use of advanced Excel functions including **Pivot Tables and V-Lookups**.
* Experience in Other Utilities/Tools/Scripts like Shell Scripting, SQL Plus, SQL Loader, Export and Import utilities, TOAD 9.1 and Visio 10.0.
* Well versed with Data Migration, Data Conversions and Data Extraction/Transformation/ Loading
* Intelligence tools like Informatica Power Center, Datastage, OLTP, OLAP, Business Objects..
* Experience with creating reports using Business Objects, Crystal reports.
* Worked with different **RDBMS Oracle, SQL Server, Teradata, MySQL, IBM DB2** and their GUI utilities like SQL Loader, Oracle SQL developer, Teradata SQL Assistant, WinSQL to do transaction of data
* Worked on Autosys for Batch Processing ETL, PL/SQL subprograms and performed backend testing.
* Worked heavily on testing various Data warehouse ETL process with tools includes Informatica, Data Stage, Ab Initio, SSIS as well as many reports developed used various BI tools includes Business **Objects, Cognos, Micro strategy, OBIEE, SSRS and Crystal Reports**
* Enterprise Data Management (EDM) is the process of managing, securing and preserving data for multiple users across different levels in an organization.
* Conducted Impact analysis when there is any change in the requirements and updated the Business Requirements Document (BRD) and Systems Requirements Specification (SRS).

**TECHNICAL SKILLS**

**Languages:** Teradata, SQL, PL/SQ, JavaScript, R, **Hive, Pig**

**Reporting Tools:** Business Objects 6.5, Crystal Report, SAS, and Tableau, **SSRS, SSIS, SSAS**

**RDBMS:** Teradata, DB2, Oracle, SQL Server 2005/2008/2008R2/2012, My SQL, MS Access

**Data Warehouse Concepts:** ODS, Star Schema, Snowflake schema, OLTP, OLAP

**Operating Systems:** UNIX, MS Windows 2000 & NT, MS DOS

**Design:** Entity-Relationships, Data Flow Diagrams

**Tools:** Informatica, Erwin, TOAD, Power Designer, Teradata, Rational rose, MS-Visio, E-R Studio, DB Visualizer, SQL developer, SQL\*Loader, MS-Project, **HPQC,ALM**, Data stage 11.3, 8.7, UNIX, Teradata

(tpt utilities), Shell Script, Teradata SQL assist ,**AWS,TFS,MTM**

**Desktop Software:** Microsoft Word, Excel, and PowerPoint.

**PROFESSIONAL EXPERIENCE**

**Fidelis Care New York, NY May 2016 – Dec 2017**

**Sr. Teradata Analyst**

Fidelis Care New York Insurance Company is one of the fastest growing insurance companies in the states of New York. The company is dedicated to offering the most competitive rates on Health insurance with fast and friendly service to its customers. The project is to create and provide data extracts to meet various campaigning requirements for Campaign Management team.

**Project Description:**

* Participate in the user requirement gathering and Design meetings. Translate business needs into reporting and analytic requirements.
* Building, publishing customized interactive reports and dashboards, report scheduling using Tableau Server.
* Worked with different Relational databases like Teradata, Oracle and SQL Server.
* Used Data Blending, Groups, combine Adobe Marketing Cloud data and other aggregated data, spotlight into compare and analyze data in different perspective.
* Worked extensively with the Teradata Queryman to interface with the Teradata.
* Developed various reports using best practices and different visualizations such **as Lollypop Charts, Donut Charts, Funnel Charts, Gantts, Bars, Lines, Pies, Maps (Filled and Symbol), Highlight tables, Bubbles, Scatter Plots**, etc.,
* Automated Teradata utility scripts using UNIX Demonstrated expertise utilizing ETL tools, including SQL Server Integration Services (SSIS), Data Transformation Services (DTS) and ETL package design, and RDBM systems like SQL Servers, Oracle, and DB2.
* Developed reports comparing multiple measures using Individual Axes, Blended Axes, and Dual Axes.
* Conducted Teradata performance tuning.
* Built complex calculations using advance functions such as **ATTR, DATEDIFF, STR, Ifs, Nested Ifs, SUMIF, COUNTIF, LOOKUPs and Quick** Table calculations.
* Used Teradata Utilities (FastLoad, MultiLoad, FastExport). Queried the Target database using Teradata SQL and BTEQ for validation.
* Created Actions in Dashboards for interactivity, to compare & analyze data in different perspectives and to easily navigate through different dashboards enabling users to drill down to more detail data.
* Created SQL scripts for testing and validating data on various reports, dashboards, and scorecards and handled performance issues effectively in Tableau.
* Extensive experience in using **Tableau functionalities** for creating different **Reports**, **Interactive Dashboards** with page and dashboard Prompts.
* Proficient in design and development of various dashboards, reports utilizing **Tableau Visualizations** such as **bar graphs**, **scatter plots**, **pie-charts**, **maps, funnel charts, lollypop charts, donuts, bubbles, etc.** making use of actions and other **local and global filters** according to the end user requirement.

**Environment:** RUP, Rational Requisite Pro, Visio, MS Project, MS Office, Sybase ,SQL, Security Controls, Datawarehouse, Data Modeling ,Teradata , DB2,Scrum (Agile) implementation

**Sutter Health Sac, California, CA Nov 2014 –Apr 2016**

**Data Analyst**

**Project Description:**

Sutter Health would be a single consolidated analytics environment to deliver world-class and a generation-ahead business intelligence capabilities for all Sutter Health Group business segments like Provider, Patient Care, Medicare & Retirement and I was involved with SHIS OLS Digital Ecosystem Build Release11 Project. It allows user to Find Doctor, Find location of the Hospitals, Urgent Care, Emergency and Treatment & Services. Also allows to user to manage the My Health Online.

**Roles & Responsibilities:**

* Gathered essential business requirements and transformations.
* Experience in Importing and exporting data into HDFS and Hive using Sqoop.
* Designed and developed various Ad hoc, Daily, Weekly, Monthly and year-end reports for the Business Analyst using SQL, Ms Excel, Ms Access and Teradata
* Developed application using Eclipse and used build and deploy tool as Maven
* Expertise in designing and deployment of Hadoop cluster and different Big Data analytic tools including Pig, Hive, HBase, Oozie, Sqoop, Flume, Spark with Cloudera distribution
* Performed Log Analysis and generated different insights to understand users' search criteria to make the product search experience better.
* Developed complex mappings using Informatica Power Center Designer to transform and load the data from various source systems like Oracle, Teradata, and Sybase into the Oracle target database.
* Experience in working with RDBMS technologies like MySQL and Oracle.
* Created data structures by using SQL in Teradata & TOAD.
* Migrate DTS packages from SQL Server 2000 to SQL Server 2005 Integration Services (SSIS).
* Having good experience in development, maintenance, debugging and enhancement in Informatica Power center
* Generated flat files using the Teradata Export for the Segmentation process
* Design, Development and Documentation of the **ETL (Extract, Transformation & Load)** strategy to populate the Data Warehouse from various source systems.
* Excellent global exposure to various work cultures and client interaction with diverse teams.
* Worked with business teams and created Hive queries for ad hoc access
* Extensive use of Teradata Utilities (BTEQ, MLOAD, FASTLOAD, FASTEXPORT)
* Developed complex mappings also involving Slowly Changing Dimensions (SCD) Type-I and Type II mappings inInformatica to load the data from various sources.
* Used tools like TOAD to run SQL queries and validate the data
* Using Informatica Designer, developed mappings, which populated the data into target.
* Extensive experience in Extraction, Transformation and Loading of Data into Enterprise Data Warehouse using Informatica PowerCenter 9.x, 8.x versions
* Providing customers guidance on their MDM implementation strategy in particular and technology strategy in general QSI Engine

**Environment:** Teradata SQL Assistant, Tableau, SAS, MS Excel, MS Visio, MS Office, Windows XP

**Technologies:** Datastage 11.3, 8.7, UNIX, Teradata (tpt utilities), Shell Script, Teradata SQL assist, JavaScript, Jira

**United Health Group, Minnetonka, MN April 2012 - Oct 2014**

**Data Analyst**

**Project Description:**

UDW would be a single consolidated analytics environment to deliver world-class and a generation-ahead business intelligence capabilities for all United Health Group business segments like Optum Health, Optum Insight, Optum Rx, UnitedHealth care Medicare & Retirement and United Healthcare Community and State member claims

**Roles & Responsibilities:**

* Gathered essential business requirements and transformations.
* Developed several complex mappings in Informatica a variety of Power Center transformations, Mapping Parameters, Mapping Variables, Mapplets & Parameter files in Mapping Designer using both the Informatica Power Center and IDQ
* Coordinated with business analysts to resolve the data gaps.
* Experience working with Informatica transformations like Labeller, Parser, Standardizer, Match, Exception, Merge, Association, expression, Router, Filter, Joiner, SQL, Aggregator, Sorter, Address Doctor, Look up, WSDL etc.
* Broad research in new spaces to look for entrepreneurship opportunities and see how Information Management / MDM are affected or utilized in those contexts. The particular Big Data / Analytics
* Worked with SME’s, process owners, process managers to identify logic for the reports and set appropriate thresholds for defects/exceptions.
* Wrote complex Teradata SQL queries to pull the metrics for CTQ’s, in order to ensure that the process is within agreed tolerance limit.
* Involved in extensive Data validation by writing several SQL queries and involved in back-end testing and worked to resolve data quality issues.
* Regularly provided valuable feedback to the Dashboard team so as to enhance the visual reporting experience for everyone involved.
* Worked with the Business Intelligence (BI)/Execution Team to transit reports for day-to-day business use.
* Successfully coordinated dashboard User Acceptance Testing (UAT) with the business.
* Coached and mentored several new Data Analysts.
* Worked in FACETS to upload the member information and validated the uploaded information in Member Module.
* Developed strategy for data management and best practices for data analysts.
* Data quality assurance (best practices, Data Quality rules (business, analytical, legal, retention)
* Writing Teradata BTEQ queries in batch and interactive
* Created a functional test environment in AWS where the functional tests will run on the EC2 instances dynamically.

**Environment:** Teradata SQL Assistant, Tableau, SAS, MS Excel, MS Visio, MS Office, Windows XP

**Technologies:** Datastage 11.3, 8.7, UNIX, Teradata (tpt utilities), Shell Script, Teradata SQL assist, JavaScript.

**BCBS, Fargo, ND July 2011– Mar 2012**

**MDDS (Marketing Decision Support System)**

**ETL (Datastage, Informatica, Teradata) Data Analyst**

**Description:**

MDSS is a data warehouse which produce key metrics for the Noridian including average cross sell per household which are reported to NCQA each year. Metric include insured calculation of consumer insurance .The project was involved in was to build data driven strategies to better understand the customers and use that data to develop more effective sales and marketing campaigns to sale the insurance

**Roles & Responsibilities:**

* Helped design and implement processes for deploying, upgrading, managing, archiving and extracting data for reporting.
* Wrote queries for SQL to pull required information from the database using PostgreSQL.
* Worked with the clients on the final signing process in the User Acceptance stages.
* Knowledge and experience with consolidating data from different sources for analysis and reporting.
* Involved in performance measurement of ongoing data collection to determine if a program is implementing activities and achieving objectives.
* Supported and reviewed ER Diagram as Logical Data Models.
* Data correlation and cleansing on data from multiple sources in multiple divisions.
* Producing external files and reports employing various SAS procedures like Proc Print, proc contents, Proc Report, Proc Summary, Proc Freq, Proc sort & Proc SQL.
* Obtaining, organizing, defining subject area Meta Data in applicable repositories (Teradata, SQL Server, Oracle).
* Managing Amazon Web Services (AWS) infrastructure with automation and configuration management tools
* worked for turning of code for performance , to improve code quality and performance using JavaScript
* Extensively used Informatica functions LTRIM, RTRIM, IIF, DECODE, ISNULL, TO\_DATE, DATE\_COMPARE in Transformations
* Involved in designing and creating mappings and mapplets using Informatica source, warehouse, and transform.
* Developed ETL routines using Informatica Power Center and created mappings involving transformations like Lookup, Aggregator, Ranking, Expressions.
* Extensive research related to Information Management in general and MDM in particular to stay abreast of the latest developments and gain a broader understanding of this space
* Involved in analyzing Custom Reports, Ad-hoc Reports by using SQL Server Reporting Services (SSRS).

**Environment:** Windows Vista, MS SQL Server, MS Visio, Oracle, Web Logic, MS Project, Informatica, Business Object XI, UAT, Defect Tracking Matrix, Teradata, HP ,SAS,SSIS,SSAS, R, Pig, HIve

**Technologies:** Datastage 9.1, UNIX, Teradata (tpt utilities), Shell Script, Teradata SQL assist

**CognoSante, McLean, VA Jul 2009- Jun 2011**

**Data Analyst**

**Project Description:**

CognoSante applies a deep understanding of data and transaction standards to high-volume data reconciliation and remediation programs, utilizing expert analysis of Electronic Data Interchange (EDI) transactions, secure data exchange, case management, and workflow analytics to correct errors. Our data standards expertise also allows us to architect and deliver Health Information Exchange (HIE). Project, I was involve The standardized exchange of data across clinical systems, plans, providers, and health agencies is key to enhancing quality of care, improving efficiency, and reducing overall costs.

**Roles & Responsibilities:**

* Gathered and Analyzed Business requirements walkthrough with the business owners
* Involved in extensive Data validation by writing several SQL queries and involved in back-end testing and worked to resolve data quality issues.
* Validated Datastage jobs using different Stages like Transformer, Aggregator, Sort, Join, Merge, Lookup, Data Set, Funnel, Remove Duplicates, Copy, Modify, Filter, Change Data Capture, Change
* Involved as primary on-site ETL Developer during the analysis, planning, design, development, and implementation stages of projects using IBM Infosphere Datastage software
* Used SSIS for data Integration and Workflow application for getting the information from different health care providers.
* Monitor the quality of data submitted to regulatory agencies.
* Support regular data management processes and ad hoc user requests.
* Created several reports monthly/weekly based on various Campaign for different end users.
* Layout manager provide a ways create page layout for pages. User can create layouts based on their requirement and used that for one or multiple pages on the JavaScript

**Environment:** Teradata SQL Assistant, Facets 4.6.1, MS Excel, MS Office, SQL Server, SSIS, HPQC, ALM.SSRS,SAS, R, Pig, Hive

**Technologies:** Datastage 11.3, 8.7, UNIX, Teradata (tpt utilities), Shell Script, Teradata SQL assist