**Ujwala Dharanikota**

**PROFESSION HIGHLIGHTS**

­Data Analystwith Around 5 years of professional experience data analysis, data mining, reporting dashboards, metrics, requirements, systems analysis, programming, testing, Project Management/Program Management, and application development benchmarking. Experience in database languages (Python, R, SAS, SQL) and web languages (CSS, HTML, JavaScript,PHP, XML).

**Summary**

* Around 5 Years of Experience in Data Analysis, Report Generation, Maintenance of Business Report Processes and Data Verifications and Validations.
* Strong experience in Business and Data Analysis, Data Profiling, Data Migration and Data Integration.
* Experienced with different Relational databases like Oracle and SQL Server.
* Provided management support asset lifecycles, change management lifecycles, and IT inventory control.
* Created custom reports using business objects and business intelligence to conduct in-depth data analysis and scope.
* Experienced in Interacting with Users, analyzing client business processes, Documenting business requirements, Performing Design Analysis and Developing Design Specifications.
* Extensive SQL experience in querying, data extraction and data transformations.
* Experienced in writing numerous SQL Queries and Performing ADHOC analysis.
* Experienced in developing business reports by writing complex SQL queries using views, macros, volatile and global temporary tables.
* Experienced working on large volume of Data using BASE SAS programming.
* Strong Experience in working on MS Access, MS Excel and MS Power Point.
* Good experience in Production Support, identifying root causes, Trouble shooting and Submitting Change Controls.
* Experienced in handling all the domain and technical interaction with application users, analyzing client business processes, documenting business requirements.
* Possess strong analytical and problem solving skills and have quick learning curve. Committed team player and capable of working on tight project delivery schedules and deadlines.
* Experienced in writing Design Documents, System Administration Documents, Test Plans & Test Scenarios/Test Cases and documentation of test results.
* Experienced in Designing and Preparing Training Material and Conducting Training Sessions to the users.
* Excellent ability with competitive spirit in finding various approaches for problem solving and highly skillful, creative and innovative in developing efficient logic/code.
* Involved in defining the source to target data mappings, business rules and data definitions.
* Responsible for defining the key identifiers for each mapping/interface.
* Performed data Extraction, Pre-processing & cleansing to remove redundant and unwanted data (ETL) to extract insights from unstructured data
* Created models (knn, k-means and regression) & patterns with statistical tools (SPSS) to produce data and visualization solutions, using which the stakeholders can interpret the underlying insights.
* Defined the process to build predictive model, objective functions, variable selection and preparation and the statistical methodology and model validation.
* Performed data extraction and manipulation over large relational data sets using SAS and SQL.
* Developed predictive models and statistical analysis for external clients and internal business performance.
* Hands-on experience in identifying, analyzing and interpreting trends and patterns in complex data sets.
* Generated reports based on client requests for direct marketing using SAS and Microsoft tools.
* Proficiency in prioritizing and multi-tasking to ensure that tasks are completed on time.
* Strong consulting skills; ability to communicate, explain and otherwise impart technical information to clients clearly.
* Demonstrated ability to identify root causes of problems, consider both the long and short-term impact of proposed solutions and develop workable solutions.
* Ability to manage (Multiple) project tasks with changing priorities and tight deadlines.
* Demonstrated ability to work well with a wide variety of people at various levels, foster cooperation and collaboration among individuals in the work unit, help team resolve conflicts constructively and ability and willingness to communicate when help is needed.
* A Self-starter with a positive attitude, willingness to learn new concepts and acceptance of challenges.

**Education:**

* **Rutgers Business School** New Brunswick and Newark, NJ

*Masters of Information Technology*

**SKILLS MATRIX**

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| **Data Analytics** | R(Statistical Programming), PYTHON, SAS, SPSS, Tableau |
| **Data Reporting** | SSRS, Crystal Reports |
| **Management Tools** | Jira, HP-ALM, SharePoint, MS –Project |
| **Databases** | Oracle 11g, Oracle 12c, MYSQL |
| **Operating Systems** | Windows 10, 8 ,7, XP and Vista and Mac OS |
| **Technical skills** | Java, SOAP, REST, Spring, Hibernate, HTML, CSS, JavaScript, AngularJS, API, Web services, JSON, XML |
| **Other tools** | HP Quality Center, Dollar Universe, Kintana, TOAD, MS Office, Eclipse |

**PROFESSIONAL EXPERIENCE**

**Data Analyst January 2017 – Present**

**Wells Fargo, Charlotte, NC.**

**Responsibilities**: 

* Developed several scripts to gather all the required data from different databases.
* Provided management support asset lifecycles, change management lifecycles, and IT inventory control.
* Communicated with different Stakeholders, Business Group, and User Group to elicit and to analyze Business Requirements.
* Developed numerous reports to capture the transactional data for the business analysis.
* Developed complex SQL queries to bring data together from various systems.
* Organized and conducted cross-functional meetings to ensure linearity of the phase approach.
* Collaborated with a team of Business Analysts to ascertain capture of all requirements.
* Translate the requirements into Business (Functional) and System (Technical) requirements and review with the customer to get their approval. Wrote complex SQL queries to analyze and understand data.
* Assisted the team for standardization of reports using SAS macros and SQL
* Created multiple reports on the daily transactional data which involves millions of records.
* Used Joins like Inner Joins, Outer joins while creating tables from multiple tables.
* Implemented Indexes, Collecting Statistics, and Constraints while creating tables.
* Developed various ad hoc reports based on the requirements.
* Conducted independent statistical analysis, descriptive analysis, hypothesis testing and logistic regression.
* Provided assistance for projects through SAS statistical and analysis software tools.
* Created macros and used existing macros to develop SAS programs for data analysis.
* Assisted in development of data formatting and cleaning criteria from various data sources.
* Generated database reports, presentation and documentation of analytical methods.
* Performed ad hoc analysis of data sources for all external and internal customers.
* Coordinated with clients for management of data mining and recovery projects.
* Developed SQL Queries to fetch complex data from different tables in remote databases using joins, database links and formatted the results into reports and kept logs.
* Involved in writing complex SQL queries using correlated sub queries, joins, and recursive queries.
* Delivered the artifacts within the time lines and excelled in the quality of deliverables.
* Validated the data during UAT testing.
* Involved in defining the source to target data mappings, business rules and data definitions.
* Performing source to target Mapping
* Built logics for automated data extraction and validation for EIT (Enterprise Independent Testing).
* Acted as subject matter expert on data mining, code development, quantitative tools, and automated reporting.
* Developed a macro to manipulate and message the dataset to arrive at an exception report for management.
* Responsible for creating a Business Requirements Document to have an overall automated reconciliation approach from a go forward perspective.

**Environment:** Google Tag Manager (GTM), Dynamic Tag Manager (DTM), Google Analytics - Google Analytics Premium, AdWords, Dynamic Tag Manager (DTM), HP Quality Center, HTML JavaScript, XML, Microsoft Excel, Microsoft Word, PowerPoint, Windows XP OS, PL/SQL, Test Director, TOAD, SQL\*Plus, SQL\*Loader, Autosys, Windows, UNIX.

**Data Analyst June 2016 – December 2016**

**BCBS, Chicago, IL**

**Responsibilities**:

* Provided research and root cause analysis for claim process remediation.
* Experienced in development implementations, data modeling, or data mapping efforts.
* Experienced creating clear and concise project documentation.
* Created queries and reports using SQL or reporting tools
* Worked with the internal business users to gather business requirements that require data warehousing and operational data store related work.
* Operational Reporting Environment teams to develop data requirements, data mapping and data modeling.
* Make certain the user stories are good, comply with acceptance criteria, have sufficient business value and selling points.
* Guide the development teams to break down large and complex user story into simplified versions for execution. Developed and implemented process improvements for services that are performed by the Claims Department.
* Experience in SAS programming for auditing data, developing data, performing data validation QA and improve efficiency of SAS programs.
* Assist the Business users to define and refine the scope of the project.
* Translate the requirements into Business (Functional) and System (Technical) requirements and review with the customer to get their approval. Wrote complex SQL queries to analyze and understand data.
* Generate reports from SAS, Business Objects or Crystal reports depending on the customer requirement.
* Write SQL queries to create mock up reports as per the business requirements and got user approval.
* Collaborated with other BSA’s for grooming business requirements related to reporting and/or source data manipulation.
* Work with the business users to develop the User Acceptance Test (UAT) Cases documents.
* Provided support to QA Team and was involved in SIT, Functional, Smoke, End-to-end and User acceptance testing.
* Involved in preparing test cases and involved in reviewing test plans and test scripts developed by QA team to make sure that all requirements are covered in scripts and tested properly.

**Environment:** SQL Server 2012, Agile, Power BI, ETL, Informatica9.0, MDM, SQL, XML, Oracle11g, MS Access

**Business Data Analyst August 2013 to January 2016**

**Accenture, Hyderabad, India**

**Responsibilities**: 

* Delivered custom analytics for marketing insight team including customer segmentation, market structure analysis, market driver analysis, and promotion response modeling.
* Gathered data required for conducting analysis from several sources, Performed data transformations and pre-process data in R and entered data into data analysis software like SPSS.
* Performed data Extraction, Pre-processing & cleansing to remove redundant and unwanted data (ETL) to extract insights from unstructured data and Developed Tableau based Dashboards.
* Created meaningful derived metrics from data assets to improve effectiveness of analytics.
* Performed regression analysis, basket analysis, segmentation analysis, and correlation analysis.
* Created models (knn, k-means and regression) & patterns with statistical tools (SPSS) to produce data and visualization solutions, using which the stakeholders can interpret the underlying insights.
* Performed analysis of the given data by predictive modeling and draw accurate inferences by visualizing the data in Tableau and generating reports by using SSRS, in accord with the objectives of the analysis.
* Formulated procedures for data extraction, transformation and integration of data.
* Balanced differing and changing schedules for each market, communicating all variation to stakeholders.
* Conducted assessment to ensure data quality and completeness with validation techniques.
* Assisted in designing and development of analytical products for overall enterprise.
* Designed and developed continuous outcomes reporting for multiple intervention programs.
* Coordinated with technical teams for research and evaluation of operational problems.
* Participated in critical review and revision of existing systems for updates and enhancements.
* Supported technical teams for development and execution of supplemental analytical tools and methods.
* Developed a user interface to help a client transition away from an Excel-based to a MySQL-based data management system. Reduced job time for the client by 60%, partially by automating data retrieval from IRS servers so that the client would not need to rely on external data stores.
* Programmed a script to automatically condense 100+ page PDFs into 4 page PDFs so that the client would not have to spend time opening and scanning for information. Developed meta tag and ranked search systems to increase database search speed. Languages used include CSS, HTML, jQuery, JavaScript, PHP, Python, and SQL.
* Coded python scripts, automating the data ingestion process between the client and external data servers, reducing the client’s data ingestion time from a week to one day. Coded automation scripts to transact between the client’s servers and external FTP servers, freeing up time for the client to work on other tasks. Languages used included Bash, MySQL, and Python.
* Interacted with business analysts and technical leads from other platforms to gather the key elements of data which need to be monitored on a regular basis.
* Perform impact analysis to assess impact of source changes to the warehouse environment.
* Responsible for rewriting the existing data quality reports in SAS.
* Developed new reports in SAS using SAS ODS, PROC REPORT, PROC TABULATE, and PROC SQL.
* Imported Data from relational database into SAS files per detailed specifications.
* Responsible for the development and maintenance of SAS Information Maps for Analytics and Business Forecasting Team.
* Write complex SQL queries with sub-queries, analytical functions, pivot functions and inline views.
* Provided many innovative solutions for streamlining the data quality check process and managing the requests/ queries from analysts regarding warehouse environment.

**ENVIRONMENT**: Oracle, XML, SQL, SAS, R, SPSS, SSRS Metadata Hub, Informatica Data Quality tool