**Prashant Dhung**

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**Sr. Data/Business Analyst | US Citizen**

**Professional Summary:**

* 7+ of Industry experience as a Data Analyst with solid understanding of Business Requirements Gathering, Business Intelligence, Data warehousing, Data Mapping, Data Validation, Data Integrity, Master Data Management (MDM), Reporting, Data Governance, Data Stewardship and Data Modelling.
* Experience in Data & business requirement gathering, analysing, and translating complex business requirements into actionable solutions.
* Extensively worked on developing project deliverables such as Project Charter, Business Requirement Document (BRDs) and Functional Requirement Document (FSDs).
* Experience in understanding Business Processes, Business Process re-engineering, Business Requirements gathering, Process Flows and related technical processes.
* Excellent knowledge in Data Analysis, Data Validation, Data Cleansing, Data Verification and identifying data mismatch.
* Strong Experience in working in Finance, Healthcare and Insurance Industries.
* Working on Data Modelling by gathering specifications and requirements and interacting with end users and done extensive Business analysis.
* Developed and implemented data quality frameworks, procedures, and best practices to ensure the integrity and reliability of data assets.
* Strong experience in Data Migration, Data Cleansing, Transformation, Integration, Data Import, and Data Export using ETL tools such as Microsoft SQL Server Integrated Services and Informatica.
* Proficient in data analysis and interpretation, leveraging data insights to drive strategic decisions and optimize business processes.
* Experience in leveraging Collibra to establish and enhance data governance frameworks, policies, and practices to ensure data quality, integrity, and compliance.
* Experience in Agile and Software Development Life Cycle (SDLC) and expertise in detailed design documentation.
* Excellent experience in writing SQL queries to validate data movement between different layers in a data warehouse environment.
* Excellent skills in Business Intelligence, Data Analysis, Requirement Analysis, Business Modelling and use case Development using UML methodology.
* Experienced in Identity and access Management with expertise in the field of role – based access control, Identity Management and automated provisioning.
* Proficient in creating and maintaining conceptual, logical, and physical data ls, providing a comprehensive view of data from high-level concepts to detailed implementations.
* Support Data Quality Managers to develop tools for data governance and master data management.
* Excellent knowledge in Data Analysis, Data Validation, Data Cleansing, Data Verification and identifying data mismatch.
* Good Understanding and working knowledge on Oracle Identity Manager (OIM) and Cyber Ark privileged identity management.
* Worked on creating pipelines to migrate data from Hadoop to Azure Data Factory.
* Hands on experience in Azure Cloud Services, Azure Synapse Analytics, SQL Azure, Data Factory, Azure Analysis services,
* Proficient in using data visualization tools like python and Power BI to tell compelling stories, enabling stakeholders to gain actionable insights and make data-driven decisions.
* Proficient in understanding statistical and other languages – R, Python, Java, SQL, Unix, QlikView data visualization tool.
* Experience in using SAS to import/export data to external file formats like flat, Excel, XML files
* Thorough knowledge in SAS Programming, using BASE SAS, Macro facility, Proc SQL, SAS procedures, SAS functions, SAS formats.
* Exposure to AI and Deep learning platforms/methodologies like tensor flow, RNN, LSTM.
* An excellent understanding of both traditional statistical modelling and Machine Learning techniques and algorithms like Regression, Clustering, Ensembling (random forest, gradient boosting), deep learning etc.
* Used MS Access to define new SQL tables that were loaded into a SQL Server database.
* Performed migration of Microsoft SQL server to Azure SQL database.
* Experienced in Google Data Studio to generate insightful reports and dashboards.
* Can work parallelly in both GCP and Azure Clouds coherently.
* Created Tableau dashboards using stack bars, bar graphs, scattered plots, geographical maps, Gantt charts etc. using show me functionality.
* Excellent functional and technical knowledge in both upstream and downstream modules of ARIBA spend management suite deployed in on-demand environment.
* Expert in Agile and Software Development Life Cycle (SDLC) and expertise in detailed design documentation
* Experience in various phases of Software Development life cycle Analysis, Requirements gathering,
* Hands-on Experience in Power BI Power Pivot, Power integrated with Share Point and in creating dashboards in Power BI & Tableau Visualization tools.
* Hands on experience in using SQL server constraints, Database design and maintenance, CTE utilizing SQL servers for efficient data manipulation and consistency. Database experience using Oracle, MS SQL Server.

**Education:**

Bachelors in Computer Science from University of Texas at Arlington, Texas (2015).

**Project Experience:**

**Goldman Sachs, Dallas, TX Feb 2021 - Present Role: Sr Business/ Data Analyst**

**Responsibilities:**

* Worked on projects involving Business and Data Analysis, Data Profiling, Data Migration, Data Integration, Data Discovery.
* Working on Data Modelling by gathering specifications and requirements and interacting with end users and done extensive Business analysis.
* Managed all data collection, extraction, transformation and load (ETL) activities using Microsoft SSIS, Talend and informatica including data profiling, data cleansing, data conversion and quality control.
* Managed, developed and implemented business, incorporated seven event types, six internal and external large data types, scenario stress analysis to operational risk.
* Evaluated and enhanced credit rating systems and policies for risk governance and compliance requirements.
* Consulted clients in setting up operational risk framework to collect and analyse historical data to forecast and report potential losses from key risk indicators (KPIs).
* Experience in developing and deploying of applications using Hadoop based components like Hadoop Map Reduce (MR1), YARN(MR2), HDFS, Hive, Pig, HBase, Flume, Sqoop, Spark (Streaming, Spark SQL, Spark ML), Storm, Kafka, Oozie, Zookeeper and Avro.
* Good experience with a focus on Bigdata, Deep Learning, Machine Learning, Image processing or AI.
* Exposure on Technologies and Hadoop eco system, in depth understanding of Map Reduce and Hadoop.
* Developed normalized Logical physical database models to design OLTP systems for banking applications.
* Expanded Physical Data Model (PDM) for the OLTP application using Power Designer.
* Developed Data Migration and Cleansing rules for the Integration Architecture (OLTP, ODS, DW).
* Hands on experience in migrating on premise ETLs to Google Cloud Platform (GCP) using cloud native tools such as BIG query, Cloud Data Proc, Google Cloud Storage, Composer.
* Develop and deploy the outcome using spark and Scala code in Hadoop cluster running on GCP.
* Performed SAS/SQL analysis and reporting.
* Performing Effective Benchmarking by using the appropriate SAS System options and interpreting the resulting resource utilization statistics.
* Monitoring Big query, Data proc and cloud Data flow jobs via Stack driver for all the environments.
* Familiar with data architecture including data ingestion pipeline design, Hadoop information architecture, data modelling and data mining, machine learning and advance data processing.
* Demonstrated ability to design, develop, and optimize ETL workflows, ensuring efficient data extraction, transformation, and loading.
* Created Entity-Relationship Diagrams (ERDs) and UML diagrams to visually represent data models and their relationships.
* Collaborated with difference stakeholders, including business users, IT teams, and executive leadership, to bridge the gap between business needs and technology solutions.
* Created Tableau dashboards using stack bars, bar graphs, scattered plots, geographical maps, Gantt charts etc. using show me functionality.
* Working experience on interactive dashboard and Reports in Tableau for monitoring the operation performance on a day-to-day basis.
* Analysed data using Tableau for automation and determine business data trends.
* Imported all the customer specific personal data to Hadoop using Sqoop component from various relational data bases like Netezza and Oracle.
* Frame set up for enterprise level Role mining, Role Based Access Control (RBAC), Single Sign on (SSO), Privileged Account Management (PAM) Entitlement Management and Identity Management, SLA.
* Worked with business and technology teams to define, enhance and deliver a comprehensive Identity Management strategy.
* Identified multiple risk patterns of the Identity Theft.
* Aided systems database administrators in hardening our security to prevent identity theft and reduce identity theft protection premiums.
* Involved in customers risk in terms of propensity to commit money laundering, terrorist finance, or identity theft.
* Used Alteryx for Data Preparation and then Tableau for Visualization and Reporting.
* Processed data in Alteryx to create TDE for tableau reporting.
* Utilized Alteryx analytics software to process sophisticated cost models and SQL data conversions.
* Designed and created weekly, monthly and quarterly analytics dashboards, reports and meaningful KPI’s using Google Data Studio.
* Combined Matplotib in Python and Google Data Studio to generate plots, histograms, power spectra, bar charts, time series, error charts, scatter plots, correlation tables to create reports and do presentation.
* Experience in Data Visualization using Tableau, Google Data Studio in the Business Industry to connect MySQL database to develop reports, tables, charts, dashboards.
* Setting up data lake in Google Cloud using Google Cloud storage, Big Query and Big Table.
* Developing scripts in Big Query and connecting it to reporting tools.
* Hands of experience in GCP, Big Query, GCS bucket, G - cloud function, cloud dataflow, Pub/sub cloud shell, GSUTIL, BQ command line utilities, Data Proc, Stack driver.
* Imported millions of structured data from relational databases using Sqoop import to process using Spark and stored the data into HDFS in CSV format.
* Hands-on Experience in Power BI Power Pivot, Power integrated with SharePoint and in creating dashboards in Power BI and Tableau visualization tools.
* Helped the product owner to create user stories in JIRA and prioritize them based on business value.
* Pro-actively helped the product owner in prioritizing the product backlog as per maximum business value and stakeholder requirements.
* Provided innovative solutions and deliver improved upon methods of data presentation by focusing on the business need and the business value of solution.
* Responsible for developing SharePoint site provisioning process using SharePoint API and Windows work flow foundation.
* Designed and developed custom master pages for branding the Application using SharePoint designer.
* Responsible for migrating the SharePoint portal including custom web parts from one server to other.
* Worked with Agile and Software Development Life Cycle (SDLC) and expertise in detailed design documentation.
* Created dashboards for analysing POS data using Tableau on top of SAP HANA.
* Assisted the SAP and ARIBA team with the master data set up in ARIBA system for integration.
* Supporting and enhancing Cloud applications SAP ARIBA and SAP Fieldglass as a one and only demand resource.
* Implemented Master Data Management (MDM) for all entities in the project by maintaining a master hub for improving the data quality by following various data governance techniques and data dictionary standards.
* Designed Azure Data warehouse, Azure blobs to feed BI reporting.
* Implemented Data Lake in Azure Blob storage, Azure Data Lake, Azure Analytics, Data bricks Data load to Azure SQL Data warehouse using Poly base, Azure Data factory.
* Actively involved in SQL and Azure SQL DW code development using T-SQL.
* Developed complex SQL queries and transformation logic to support ETL processes, optimizing data transformation speed and accuracy.
* Proficient in data modelling tools such as Erwin and Power Design to design logical, conceptual, and physical data models to ensure complex data structure.
* Involved in various phases of Software Development life cycle Analysis, Requirements gathering,
* Created Data Dictionary, Data Governance, Data Quality, data modelling, and privacy policies specifying contract implementation.
* Developed and maintained Python scripts to clean, preprocess, and analyse large datasets, resulting in improved Data Quality and faster insights generation.
* Worked on optimizing and turning the Teradata views and SQLs to improve the performance of batch and response time of data for users.
* Loading data from various data sources and legacy systems into Teradata production and development Warehouse using BTEQ, FASTEXPORT, MULTI LOAD, FASTLOAD and informatica.
* Proficient in using Spark, the Python library for Apache Spark, to process and analyse large-scale datasets efficiently.
* Have considerable expertise in Metadata Management, Data Analysis, Data Integrity, Data Acquisition, Data Steward, Data Mining, Data Profiling & Quality, Data Governance and Master Data management (MDM).
* Built and analysed datasets using R, SAS and Python (in decreasing order of usage)
* Extensive experience in Relational and Dimensional Data modelling for creating Logical and Physical Design of Database and ER Diagrams with all related entities and relationship with each entity based on the rules provided by the business manager using ERWIN.
* Implement ETL Process in Alteryx to extract data from multiple sources (SQL Server, XML, Excel, CSV) and schedule workflows.
* Manage end to end complex data migration, conversion and Data modelling (using Alteryx, SQL) and create visualization using Tableau to develop high quality dashboards.
* Experience with multiple ETL tools such as SSIS, Alteryx Data Factory (ADF) and Informatica PowerCenter, Informatica Data Quality (IDQ), Informatica Analyst, Informatica Master Data Management (MDM)
* Worked extensively in forward and reverse engineering processes. Created DDL scripts for implementing Data Modelling changes. Published Data model to acrobat PDF files, extensively created ERWIN reports in HTML, RTF format depending upon the requirement, Published Data model in model mart, created naming convention files, co-ordinate with DBAs to apply the data model changes.
* Responsible for creating Data Discovery documents that involved extensive data analysis by providing source data insights.
* Experience Dealing with processes, governance, policies, standards, and tools as part of MDM to consistently define and manage the critical data of the organization.
* Experience in leading data integration projects involving the migration of master data systems to modern MDM platforms.
* Worked on multiple projects involving Data validation by writing several complex SQL queries and involved in back-end testing and worked with data quality issues.
* Worked on using MS Excel and MS Access to dump the data and analyse based on business needs.
* Worked with the Data Governance, Data Quality and Metadata Management team to understand the project.
* Worked on design and implementation of policies, standards, and processes supporting Data Governance, Data Quality, Metadata Management, Data Protection, Information Lifecycle Management, Change Management, Issue Management and Continual Service Improvement
* Worked with AGILE methodologies and demonstrated excellent quality in delivering the output.

**Environment:** SQL, SSIS, Informatica, Excel, Agile, JIRA, GCP Big Query, Google Data Studio, Tableau, Data Dictionary, Python, R, Spark, Hadoop, Erwin, Metadata management, Data Discovery, Data Quality, Data Profiling, Data Governance, Data Validation, Business Analysis, Requirements gathering.

[**Ascension**](https://www.linkedin.com/company/ascensionorg/) **Healthcare, Richardson, TX May 2019 to Jan 2021**

**Role: Sr Data Analyst**

**Responsibilities:**

* Involved in migration of data from existing RDBMS (Oracle & SQL server) to Hadoop using Sqoop for processing data.
* Involved in Data loading from relational DBs to Hive using Sqoop in different formats e.g.: Text, CSV & XML formats.
* Worked on Data Analysis, Data Profiling, Data Integration, Migration, Master Data Management and Configuration Management.
* Involved in all phases of the development lifecycle, coherent with Data Cleansing, Data Conversion, Data Profiling, Data Mapping, Performance Tuning and System Testing
* Worked with BI/Reporting tools such as Tableau, Power BI, R, and MS Excel having created various
* Proficient in data analysis using SQL, Tableau, and other data analysis techniques.
* Document end to end solution including data sources, Alteryx data model, Tableau dashboards and portal features.
* Worked on Power BI Power Pivot, Power integrated with Share Point and in creating dashboards in Power BI.
* Used SQL for data querying and manipulation, as well as other data transformation languages and techniques.
* Worked on Power BI Model and helped Power BI team on data visualization
* Worked on data modelling, ETL development, and data warehousing per needs of project requirements.
* Designed, developed, and delivered business intelligence solutions using SQL Server Data tools /SQL Server Integration Services (SSIS) and Reporting Services (SSRS)
* Used SSIS to populate data from various data sources, creating packages for different data loading operations for applications.
* Hands - on experience in Azure Cloud Services Azure Synapse Analytics, SQL Azure, Data Factory, Azure Analysis services.
* Worked on developing and migrating on-premises databases to Azure Data Lake stores using Azure Data Factory.
* Performed data analysis and data profiling using complex SQL on various sources systems including Oracle and SQL Server.
* Used Spark API over Cloudera Hadoop YARN to perform analytics on data in Hive.
* Experience in managing and reviewing Hadoop log file.
* Created Power BI Data Quality report for Chevron location data file such as land, building, and sites.
* Created and maintained Data Dictionary, data mapping, and data definition using Collibra as a data governance tool.
* Worked with Data Governance, Data Quality and Reporting.
* worked on SQL query skills (Oracle and TSQL) in analysing and validating SSIS ETL database data warehouse processes.
* Created SQL queries for Extracting, Transforming, and Loading (ETL) mapping using PostgreSQL, Oracle, and SQL Server.
* Experienced in Python which is versatile programming language used in various domains like web development, data science, machine learning, automation.
* Experience in analysing data using Python, R, Azure, Spark SQL, Hive, PySpark for Data Mining, Data Cleansing, Data Munging and Machine Learning.
* Developed ETL packages for pulling data from different source systems like Oracle, Teradata, flat files into SQL Server database.
* Involved in migration projects to migrate data from data warehouses on Oracle/DB2 and migrated those to Teradata.
* Gather requirements and develop various SQL jobs, scripts which involve extensive data analysis and understanding of data warehouse and ETL processes.

**Environment:** SQL, Power BI, GCP, Big Query, Tableau, Python, R, Oracle, Azure, Hadoop, Spark, Data Quality, Data Profiling, Data modelling, Data Integration, SSIS, Excel

**Blue Cross Blue Shield, Richardson, TX Sep 2016 to April 2019**

**Role: SQL/ Data Analyst**

**Responsibilities:**

* Created Views and Database Triggers, Stored Procedures and Functions using SQL such that information entered by a certain WM can make appropriate changes to the respective tables.
* Wrote complex SQL queries using advanced SQL concepts like Aggregate functions
* Performed ad-hoc reporting analysis as well as manipulated complex data on MS SQL server.
* Wrote complex SQL queries to retrieve data from disparate tables utilizing Joins, Sub-queries and used concepts like Explain, Stats, Cast and volatile tables on SQL server
* Involved in extensive data validation by writing several complex SQL queries and involved in back-end testing and worked with data quality issues.
* Analysed duplicate data or errors in data to provide appropriate inter-departmental communication and monthly reports.
* Experienced in Data mapping, Data transformation between sources to target data models.
* Good knowledge on Teradata Manager, TDWM, PMON, DBQL, SQL and BTEQ
* Analysed reporting requirements and develop various Dashboards.
* Involved in extraction, transformation and loading of data directly from different source systems like flat files, Excel, Oracle and SQL Server.
* Experience in creating various views in Tableau (Tree maps, Heat Maps, Scatter plot).
* Experience in creating Filters, quick filters, table calculations, calculated measures and parameters.
* Responsible for developing, analysing and reporting key risk indicator and key performance indicator metrics that enable management to make timely and effective decisions related to threats, risks and control requirements.
* Strong ability in developing SQL queries to extract, manipulate, and/or calculate information to fulfil data and reporting requirements including identifying the tables and columns from which data is extracted.
* Used statistical techniques such as regression, cluster analysis, factor analysis, time series forecasting, experimental and design, etc. to solve business problems.