**Prashant**

**571-250-0445**

**PROFESSIONAL SUMMARY:**

* Overall **9+Years** of experience in Tableau Developer/ Data Analyst with over good experience background as a Senior Business Analyst, Business Intelligence and Data Analyst.
* Sound knowledge and experience in Excel, PL/**SQL**, ETL, and **Tableau** platform.
* Armed with project, product, operations, and inventory management skills in handling various projects and performing data analysis and design from various industries across multiple locations.
* Process, clean and verify the integrity of **data using Python and develop visualization to communicate data-driven insights using Tableau.**
* Expertise in developing application using PowerApps, canvas, model driven app, forms, web services.
* Expert in using DAX and generated dashboards and reports and integrating with PowerApps.
* Participated in all phases of data mining; data collection, data cleaning, developing models, validation, visualization and performed Gap analysis.
* Developed and automated reports using Alteryx, Business Objects, Power BI, SQL server.
* Extensive usage of AWS for connecting to the data sources on cloud using Amazon Redshift services.
* Having hands on experience in Microsoft Azure Cloud applications, including Azure Data Factory, Data Lake, Azure Datawarehouse, Azure SQL Server, Power BI.
* Defined data requirements, modeled and designed the new data structures, source to target mapping for AWS Redshift/**Tableau** based projects.
* Assist Business Objects &amp; **Tableau** Report Developers to develop reports based on the requirements.
* Worked with Microsoft Power BI, Datazen, DAX expressions, Power View and Power Query integrated with Sharepoint.
* Robust MS Access and Excel skills with Power Pivot, Pivot table, Pivot Charts, Power View, Power BI, VlookUP functions and formulas.
* Extensive experience in designing, developing and delivering business intelligence solutions using Power BI, SSIS, Analysis (MDS) and Reporting services(SSRS).
* Build a dashboard to monitor the **SQL** server and alert if any process is impacting the performance using **Tableau.**
* Expertise in building visualization using **Tableau**.
* Performed text-mining on insurance data using **R and Python**
* Strong knowledge with Power BI Desktop and maintaining BOBJ dashboards.
* Write DAX to create calculated columns and measures in providing KPIs with insights.
* Power BI developer with analysis on Desktop installation, and development, publish the report to Power BI Service, Dashboard with ties, Share Dashboards, and reports to stationary and mobile devices.
* Used **Python** libraries for data cleansing and manipulation.
* Creating visuals in Power BI Service, building dashboards, and customizing to meet the needs of the clients /end-users Installed and setup cluster environment for Tableau server.
* Performance tuning for the **Tableau** Visualizations and **Tableau** server for more than 250 concurrent users.
* Extensive experience in developing Stored Procedures, Functions, Views and Triggers, Complex **SQL** queries using **SQL Server.**
* Integrated **Python dataset with Tableau** to build visual analytics solutions.
* Deep experience in designing and development of **Tableau** data visualizations solutions.
* Experienced with reporting tools, software, and other applications, including **SQL** Database, Looker, **Tableau** and Data warehouse.
* Setup trusted authentication in **Tableau** server and pass requests from Web server.
* Mastered the ability to design, develop and deploy effective dashboards and rich Graphic visualizations with Drill Down and Drop-down menu option and Parameters, actions using **Tableau**.
* Integrated **Python dataset with Tableau** to build visual analytics solutions.
* Performed Data Wrangling.

**TECHNICAL SKILLS**

**Tableau** 2020.X/2019.X/10.X/9.X/8.0/7.0, **Tableau** Server, **Tableau** cloud, **Tableau** Online, **Tableau** Mobile, **Tableau** Public, **Tableau** Reader, Microsoft Power BI, Data Wrangling, Cloud Azure,

Visual Basic, **Python**, **SQL**, PL/**SQL**.

Data Warehousing: BW 3.5, 3.1c, 3.0b, BI 7.0,

Oracle 9i/ 8i/7.3, MS **SQL** Server 2000/7.0/6.5, Access, DB2, Teradata

ABAP/4 and Web Technologies, SAP R/3 4.7, 4.6c, 4.5b, and 3. x.

**WORK EXPERIENCE**

**Client: Realtor, Austin TX(Remote) Apr 2021 till present**

**Role: Tableau Developer/ Data Analyst**

**Responsibilities:**

* Implements tools and frameworks for automating report generation, identification of data-quality issues, and data governance.
* Assembled Advanced Analysis actions and Interactive Dashboards using **Tableau.**
* Mastered the ability to design and deploy rich Graphic visualizations with Drill Down and Drop-down menu option and Parameters using **Tableau**.
* Developed data capture and navigation desktop and mobile apps in Microsoft PowerApps that connect to distribution center solutions design analytics in Power BI
* Generated server-side PL/**SQL** scripts for data manipulation and validation and materialized views for remote instances.
* Fabricated User filters to enable the security of **Tableau** dashboards within client's premises.
* Experience in creating Schedules for dashboards to refresh automatically.
* Processed data in **Alteryx** to create TDE for **Tableau** reporting.
* Improve Reports performance in **Tableau** using extracts and context filters.
* Created report schedules, data connections, projects, groups in **Tableau** server.
* Installed and Configured **Tableau** Server on Windows Server 2012 R2.
* Set up Microsoft flow (Power Automate) to provide auto approval and status update feature based on predefined criteria.
* Designed and implemented Big data analytics architecture, transferring data from Oracle.
* Developed Application in PowerApps using Common Data Service CDS, Flow, Excel, Forms and SharePoint Online.
* Created Sites, Projects, Users Groups, Users and assigned permissions as required.
* Preparing dashboards using calculated fields, parameters, calculations, groups, and hierarchies in **Tableau**.
* Developed Complex database objects like Stored Procedures, Functions, Packages and Triggers using **SQL** and PL/**SQL**
* Performs data conversions, imports, and exports of data within and between internal and external software systems.
* Used embedded predictive analytics tools and **Alteryx** Analytics to make sophisticated statistical techniques accessible to everyone.
* Experience with integration between **Alteryx** Analytics and **Tableau** to visualize the answers generated in **Alteryx**.
* Explores the data and discovers patterns, meaningful relationships, anomalies, and trends.
* Worked on migration of Tableau to Power BI.
* Design, development, and deployment of **Tableau** reports on **Tableau** Desktop
* Experience in publishing reports to Power BI Services, embedded Power BI reports into SharePoint Sites and configured.
* Power BI Workspaces
* Provided continued maintenance and development of bug fixes for the existing and new Power BI Reports.
* Involved in designing and publishing visually rich and intuitive Power BI dashboards.
* Strong knowledge in Power BI on how to import, shape, and transform data for business intelligence (BI), Visualize data, author reports, schedule automated refresh of reports and create and share dashboards based on reports in Power BI desktop.
* Used **Alteryx** for Data Preparation and then **Tableau** for Visualization and Reporting.
* Modeled User filters to enable the row level security in **Tableau** within client's premises.
* Imported and transformed data between databases and external data sources using **SQL** Server Integration Services (**SSIS**).
* Created sheet selector to accommodate multiple chart types in a single dashboard by using parameters.
* Used **Python to import data** and perform data cleaning and integrated it with **Tableau** to build visualizations.

**Client: T-Mobile, Jersey City, NJ Aug 2019 to Mar 2021**

**Role: Tableau Developer/ Data Analyst**

**Responsibilities:**

* Gathered initial requirements from the users of various departments and corresponded with them throughout the process.
* Extensively used **Python** modules such as requests, urllib, urllib2 for web crawling.
* Wrote **SQL** to identify and correct data anomalies at request of SME's.
* Deployed **Tableau** Server in clustered environment by mapping server nodes to primary machine.
* Created Power BI Visualizations and Dashboard as per the requirements.
* Configured Power BI Dashboard and reports.
* Created many calculated columns and measure using DAX in Power BI based on report requirements.
* Using Big Data Technologies like Hadoop, Hive, pig and spark were used for developing and executing models.
* Involved in UI Design for Power BI reports and design effective layouts.
* Created custom forms using PowerApps and Infopath.
* Expertise in creating Power BI Embedded Reports.
* Developed Ticketing management system based on my organization requirement using PowerApps.
* Created roles and implemented Row level security for user Authentication in Power BI.
* Created effective dashboard in Power BI service and made the reports user friendly and interactive.
* Worked with Power BI mobile app and created mobile layouts to view reports and dashboards effectively.
* Installed on premise data gateway and scheduled daily data refresh in Power BI.
* Worked on Data Analysis Expressions (DAX) for accessing data directly from tabular SSAS database.
* Used Ensemble model to integrate various algorithms using **Python**.
* Involved in creating database objects like tables, views, procedures, triggers, functions using T-**SQL** to provide definition, structure and to maintain data efficiently.
* Prepared Power BI Dashboards by utilizing Dashboard Best Practice to better convey the data to business users.
* Developed **Tableau** visualizations and dashboards using **Tableau** Desktop and developed **Tableau** workbooks from multiple data sources using Data Blending.
* Created Power BI dashboards for business expansion on Sales growth, Claims Info and Customer services data from MS **SQL** Server Source.
* Performed data integrity checks, **data cleaning, exploratory analysis** and **feature engineering** using R and **Python**.
* Connected **Tableau** server with SharePoint portal and setup auto refresh.
* Implemented several DAX functions for various fact calculations for efficient data visualization in Power BI.
* Expertise in creating schema objects, Performance Tuning of **SQL** coding.
* Redesigned the data source having data from various sources into one **SQL Server and to Tableau**.
* **Designed, developed and tested** various **Tableau** visualizations for dashboard and ad-hoc reporting solutions.
* Used PyCharm IDE and installed various libraries to connect with **SQL** and other tools through **Python**.
* Provided Just-In-Time training for various end users on using **Tableau** and exploring variousfunctionalities of the dashboard.
* Functioned as dashboard developer, Architect and SM with **Tableau** Software.
* Involved in developing a Restful service using **Python** Flask framework.
* Implemented action filters, parameters, calculated filed and set for preparing dashboards and worksheets in **Tableau**.
* Provided subject matter expertise on sensitive data monitoring, scenario development, **SQL** best practices and current transaction monitoring processes to peers and senior management.
* Prepared and published customized reports/dashboards.
* Developed dashboards in **Tableau** Desktop and published to **Tableau** Server that allowed end users to understand the data on the fly with the usage of quick filters for on demand needed information.
* Created an application using **Python**, Django, My**SQL** and Linux.
* Designed expressions to calculate, group, filter, parameterize, and format report contents.
* Scheduled the Dashboard's at regular intervals to make sure data refresh is up to date.
* Used **Python** and R for programming for improvement of model to optimize services.
* Created organized, customized analysis and visualized projects and dashboards to present to Senior Level Executives.

**Client: Verizon - Jersey City, NJ Aug 2017- Aug 2019**

**Role: BI Developer/ Data Analyst**

**Responsibilities:**

* Create, maintain, and design database diagram, develop, and deploy **BI solutions using SQL Server, Power BI and excel.**
* Used pandas, NumPy, seaborn, SciPy, matplotlib, scikit-learn, NLTK in **Python** for developing various machine learning algorithms.
* Import data from different data sources to create Power BI reports and dashboards.
* Involved in creating dynamic well-organized, accurate and insightful Power BI reports/dashboards to support strategic decisions.
* Expertise in data transformations such as adding calculated columns, managing relationships, create different measures, remove rows, replace values, split column, Date & Time Column, etc.
* Created different reports in Power BI Desktop and published them to Power BI online.
* Published the developed dashboard, reports on the **Tableau Server** so that the end users having access to the server can view the data.
* **Used Python and R** scripting to visualize the data and implemented machine learning algorithms.
* Extensively used analytical features in **Tableau** like Statistical functions and calculations, trend lines, forecasting etc. in many **Tableau** reports.
* Proficient with **Microsoft Excel**, Microsoft Access and understanding of **Structured Query Language (SQL).**
* Integrated R and **Python** scripts to set up Data visualization in **Tableau**. Used Databricks to connect the data in **Tableau**.
* Wrote **SQL** to identify and correct data anomalies at request of SME's.
* Created **Tableau** scorecards, dashboards using stack bars, bar graphs, scattered plots, geographical maps, Gantt charts using show me functionality.
* Good experience on dashboards designing with large data volumes from various data sources (**SQL** server, tera data, etc.)
* Expertise Configuring Repository, Create/Manage Dashboards, Reports/Answers and Building Physical, Business Model and Presentation Layer.
* Experienced in Analyzing the BI Needs, interpreting business user requirements, and translating them into reports.
* Involved in converting Hive/**SQL** queries into Spark transformations using Spark data frames, Scala and **Python**.
* Maintenance of large data sets, combining data from various sources by Excel, Access and **SQL** queries.
* Use **SQL** to access, read, and analyze the data stored in databases (extract data, join tables together, and perform aggregation).
* Designed, developed, tested, and maintained **Tableau** functional reports based on user requirements.
* Worked on different data formats such as **JSON, XML** and performed machine learning algorithms in **Python**.
* Mastered the ability to design and deploy rich Graphic visualizations with Drill Down and Drop-down menu option and Parameters using **Tableau**.
* Developed **Tableau** data visualization using Cross tabs, Heat maps, Box and Whisker charts, Scatter Plots, Geographic Map, Pie Charts and Bar Charts and Density Chart.

**Client: DXC Technologies, Jersey City NJ Jul 2015 - Aug 2017**

**Role: BI Developer/Data analyst**

**Responsibilities:**

* Involved in gathering and analyzing the requirements, translating them into technical specification documents.
* Created ad-hoc reports to users in **Tableau** and Excel by connecting various data sources.
* Develop ETL applications based on business rules, scheduled work flows and data transfers by analyzing the traffic between data centers.
* Handled SQL Server and SSIS, SSAS, SSRS. Converted SSRS reports into Power BI visualizations.
* Worked on Power BI desktop and Power BI service to publish the reports.
* Created reports like Drill-Down, Drill-Through, Chart, Sub Reports Bar charts, Line charts, Pie charts using SQL Server Reporting Services (SSRS).
* Defined the report layout in SSRS. Created complex stored procedures for Reporting services, Analyzed Reports and Fixed Bugs in stored procedures.
* Implemented SSIS packages to load the Data into Staging, ODS and dimensional model.
* Designed and developed SSIS packages using various control flow and data flow items to transform and load the data from various databases and into server integrations services (SSIS).
* Imported data from REST API client (Postman) to Power BI to generate reports.
* Utilized Power BI Embedded for non- Power BI users to interact with reports in the custom application.
* Experience in Big Data analysis and developing data models using Hive, PIG, and MapReduce, SQL with strong data architecting skills designing data-centric solutions.
* Established DAX while creating data models in Power BI.
* Design, develop and test the validations on the source data and develop appropriate reports and dashboards.
* Worked on data that was a combination of unstructured and structured data from multiple sources and automated the cleaning using **Python scripts.**
* Developed shell scripts to validate the flat files.
* Created relationships, actions, data blending, filters, parameters, hierarchies, calculated fields, sorting, grouping in **Tableau**.
* Hands-on experience with Snowflake utilities, Snow **SQL**, Snow Pipe, Big Data model techniques using **Python** / Java.
* Created customized reports using various chart types like text tables, bar, pie, tree maps, heat maps, line charts, pivot tables and combination charts in **Tableau**.
* Involved in creating views to import data from Oracle to **Tableau**.
* Test and publish dashboards and reports and schedule refresh.
* Experienced with Design, code, debug operations, reporting, data analysis and web applications utilizing **Python**.
* Define access controls and implement security measures whenever required.
* Drill-down data and prepare reports with utmost accuracy.
* Technical knowledge of **Tableau** Products and versions including **Tableau** Server, **Tableau** Public, **Tableau** Online, **Tableau** Desktop, and so on.
* Performed Data Analysis using **Python**. Also involved in generating various graphs and charts for analyzing the data using **Python** Libraries.
* Able to build visually stunning and interactive dashboards.
* Able to manipulate and blend data to design dashboards and visualization.
* Knowledge of data migration, **Tableau** integration, and extensions
* Worked extensively with Advance Analysis Actions, Calculations, Parameters, Background images, Maps, Trend lines, Statistics, and table calculations.
* Provided Production support to **Tableau** users and Wrote Custom **SQL** to support business requirements.
* Experienced with Design, code, debug operations, reporting, data analysis and web applications utilizing **Python**.
* Utilized **Tableau** server to publish and share the reports with the business users.

**Client: Grow By Data, Kathmandu Nepal Dec 2013 -Jun2015**

**Role: Jr. Data Analyst**

**Responsibilities:**

* Expert in creating **report schedules** on the **Tableau** server.
* Experienced in **creating the groups, users, workbooks, and permission sets** for the **Tableau** server logins and checks.
* Hands-on development in assisting the users in creating the worksheets and modifying them and **data visualization** dashboards.
* Designed, developed, and tested various **Tableau/Tableau visualizations** for the dashboard and **ad-hoc reporting solutions.**
* Preparing Dashboards using the **calculations, and parameters** in **Tableau** and creating **SQL** datasets for **Tableau** and Ad-hoc reports.
* Designed, developed, and maintained **Tableau functional** reports based on the requirements of the user.
* Experience in the **design and development of Tableau visualization solutions**.
* Involved in reviewing business requirements and analyzing data sources from **Excel/Oracle SQL Server for design, development, testing, and production rollover** of reporting and analysis projects within **Tableau Desktop**.
* Extracted data from the database using Excel/Access, **SQL** procedures and created **Python** data frames for statistical analysis, validation, visualization, and documentation.
* Designed data profiles for processing, including running **SQL, and using Python** for Data Acquisition and Data Integrity which consists of Datasets Comparing and Dataset schema checks.
* Write **SQL** queries that store the result in JSON format and used the files to build a dashboard using **Tableau**.
* Integrated R and **Python** scripts to set up Data visualization in **Tableau**. Used Databricks to connect the data in **Tableau**.
* Designed data profiles for processing, including running **SQL, and using Python** for Data Acquisition and Data Integrity which consists of Datasets Comparing and Dataset schema checks.
* Extracted data from the database using Excel/Access, **SQL** procedures and created **Python** data frames for statistical analysis, validation, visualization, and documentation.