**Sahit Vista   
Power BI Developer**

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**PROFILE OVERVIEW**

* Having over 13+ years of professional IT experience with expertise in Business Intelligence tools like Power BI, Tableau, SAP BO along with proficiency in Python and SQL, and a strong background in data analysis.
* Experience as BI Programmer in QlikView 12, Cognos 10.2. Designed and developed QlikView dashboards
* Experience in connecting with multiple data sources like SQL Server, Teradata, Snowflake, SAP universe, BEX
* Experienced in Cognos Active BI Reporting for Mobile Users, Advanced Event Studio Schedule Management.
* Extensively worked on performing the ETL activities using Tableau Prep, Informatica, Alteryx
* Experience developing complex Tableau reports using advanced functionalities such as LOD, Groups, sets and parameters
* Experienced in Cognos Application Support & administrative roles like deployments, access management, and security implementation.
* Extensively worked on performing the ETL Activities in Power Query.
* Good Experience in filtering Unwanted Data in Power Query.
* Developed QlikView chart (Drill Through, Cyclic Grouping). Knowledge of Best data models Practice in QlikView, various loading technique
* Extensively used transformations like Merge Queries, Append Queries, Pivoting the Column, UN Pivoting Columns, Adding Custom Columns, Splitting the Columns, Merging the Columns etc.
* Experience in using advanced and custom visualizations in Tableau and Power BI.
* Extensive Experience in doing Data Modeling in Power Pivot Model.
* Extensively worked on Enhancing the Data Model by Creating New Columns, New Measure and New Tables using DAX Expressions.
* Extensively used different Categories of DAX functions like Time Intelligence Function, Filter Functions, Date Functions, Logical Functions, Text Functions, Number and Statistical Functions for Creating New Information.
* Extensively worked in Power View for Presenting the Data in Graphical Format using Different Visualizations in Power BI.
* Hands on Experience with Visual level, Page level, Report level and Drill Through filters for filtering the data in a Report.
* Using Power Apps created custom-built apps that connect to your data and write back data to data sources from Power BI to Power Apps.
* Good Experience in Creating Hierarchies and Drilldown Reports.
* Good Experience in sorting the Data in Visualizations, Grouping and Binning the Data in Power BI.
* Extensive Experience in Creating APP Workspaces and adding Members to Workspace to Manage the Content in Power BI Service.
* Experience in publishing the Reports to Power BI Service and setting up the Necessary connections.
* Extensive Experience in Creating Dashboards using Multiple Reports.
* Worked on On-Premises Data Gateway to Refresh and Schedule Refresh the Data in the Dataset.
* Implemented ROW LEVEL SECURITY (RLS) as part of security in Power BI.
* Developed and maintained various reports in SSRS, including tabular, matrix, and graphical reports, to support business analysis and decision-making.
* Integrated SSRS reports with other Microsoft tools, such as SharePoint and Power BI, to enable seamless sharing and collaboration across different platforms.
* Designed and developed robust SQL databases, including tables, views, and stored procedures, tailored to meet specific business requirements.
* Ensured efficient data retrieval and manipulation by writing optimized SQL queries, contributing to improved application performance.
* Monitored and tuned SQL queries and database performance to achieve optimal efficiency and minimize response time.
* Experienced in creating various reporting objects like Hierarchies, Filters, calculated fields, Sets, Groups and Parameters etc. in Tableau.
* Utilized indexing and query optimization techniques to enhance the overall performance of the SQL databases.
* Excellent Communication, Presentation, Interpersonal, Strong Troubleshooting and Organization Skills.

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| **Programming** | SQL, Java, Python. |
| **Data Visualization** | Power BI, Tableau, SSIS, SSRS, SAP BO, Tableau Desktop, MicroStrategy, Power Apps, Power Automate, Qlikview-12, Cognos-10.2 |
| **Modelling** | Linear, Logistic, Time Series, Classification, Random Forest, XGBoost |
| **Cloud** | Snowflake, AWS, Azure |

**Technical Expertise**

**Key Expertise**

* Requirement Gathering
* Business Intelligence
* Client Management
* Statistical Analytics
* Data Analysis
* Stakeholder management

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| **PROFESSIONAL EXPERIENCE** |

**Client: Cisco Mar 2024 - Present**

**Sr Power BI Consultant**

* Developed and maintained interactive dashboards in Tableau and Power BI, enabling stakeholders to monitor key business metrics and make informed decisions.
* Conducted exploratory data analysis (EDA) using SQL and Python to identify key business trends and opportunities for improvement.
* Supported data migration and integration projects, ensuring seamless data flow and consistency across different systems.
* Design and develop reconciliation reporting dashboards, making use of latest Cognos Visualization providing policy migration executive summary to higher management.
* Prepared and presented data findings to management, helping to drive strategic decisions and operational improvements.
* Developed and maintained SQL queries and stored procedures to streamline data retrieval and reporting processes.
* Utilized NPrinting connection to QlikView to create adhoc reports to users for analysis.
* Implemented Section Access in DPM dashboard and provide user access to DPM application in QlikView Access Point
* Schedule tasks in QlikView Server and Publisher to run dashboards on daily and biweekly basis
* Participated in cross-functional project teams, providing data analysis support and contributing to project success.
* Ensured data privacy and security by adhering to company policies and industry best practices.

**Environment:** Tableau, Power BI, QlikView 12, Tableau Prep, Cognos 10.1.1, Power Query, Azure Data Factory, Oracle, SQL Server, Salesforce

**Client: Arizona State Hospital May 2023- Mar 2024**

**Senior Analytics Consultant- Power BI**

* Worked as Senior BI developer for Arizona State Hospital IT department
* Cognos 7/CRN to Cognos 10 Migration of multiple reporting applications.
* Develop Unix Scripts to move the report outputs from Cognos Server to the Target Server.
* Created 10+ dashboards in Power BI with interactive views
* Developed QlikView objects List Box for producing branch, Territory and Agent for different state, date and type of Coverage.
* Develop Cognos dynamic cube models and complex dimensional reports.
* Developed filters, calculations, prompts, conditions, and created various reports, using Cognos Confidential for users
* Worked on State Demographics, Health Equity and Organization charts dashboards
* Explored multiple use cases and workarounds to be used across reporting solutions
* Develop expertise to handle difficult visualization requirements within the team
* Used DAX in Power BI to create advanced calculations
* Developed SQL-based queries to support the generation of complex reports and dashboards.
* Wrote complex SQL queries for data retrieval, manipulation, and analysis, optimizing query performance and reducing response time.
* Performance tuned the reports by analyzing and comparing the turnaround times between SQL and Cognos.
* Utilized indexing and query execution plan analysis to enhance database performance and improve overall system efficiency

**Environment:** Power BI, QlikView, Power Query, Cognos Series 7, Azure Data Factory, Oracle, SQL Server, MS Access, Python

**Client: PepsiCo- North America Region Mar 2022- Feb 2023**

**Manager-Senior BI Developer**

* Worked as Senior BI Developer in Data Analytics COE team for PepsiCo Sales department-PBNA Region
* Collaborated with business users, collected requests, and updated the set of existing BI reports to accommodate business needs
* Created 10+ dashboards in Power BI with interactive views
* Explored multiple use cases and workarounds to be used across reporting solutions
* Develop expertise to handle difficult visualization requirements within the team
* Used DAX in Power BI to create advanced calculations
* Developed 60+ KPI scorecards using Power BI desktop and presented it to executives
* Created 100+ interactive filters and calculations for dashboards in Power BI
* Created groups, binning and hierarchies to develop summary level and detail reports
* Worked on row level security in Power BI to restrict the access to data based on the User groups created
* Experience in implementing PowerApps visualizations in Power BI Reports to use the Write Back Feature to change the Numbers in the Database.
* Worked on views and created custom SQL queries to improve the efficiency of Power bi dashboards
* Performed 100% of development activities from gathering requirements to designing solutions, developing code/Reports to testing and release/deployment
* Worked on Requirement specification documents and Design specification documents
* Worked on Snowsql to execute SQL queries and perform all DDL and DML operations
* Develop good understanding of snowflake database and its architecture
* Developed efficient code in python to automate the manual excel based reporting
* Used Advanced Microsoft Excel to create pivot tables, used VLOOKUP and other excel functions
* Good understating on Power BI Server configuration and architecture
* Created 100+ interactive filters, parameters and calculations for dashboards and worksheets in Tableau
* Used LOD and advance Tableau functions to build efficient dashboards
* Created groups, hierarchies and data sets to develop summary level and detail reports
* Worked on row level security in tableau to restrict the access to data based on the User groups created
* Worked on views and created custom SQL queries to improve the efficiency of Tableau dashboards
* Performed Data blending in Tableau to merge multiple data sources
* Lead and supervised two full time employees

**Environment:**  Power BI, Power Apps, Tableau, Power Query, Oracle, SQL Server, Salesforce, Python, SQL

**Client: PricewaterhouseCoopers Jul 2015- Feb 2022**

**Senior Consultant**

**Project Role: BI Analyst-Power BI**

**Industry: Engineering & Construction**

* Worked for Performance Management and Customer Invoicing Modules
* The project involved migrating from legacy systems to new BI platform. The major key performance indicators were to be identified in each vertical to measure the overall performance of the client’s business.
* Worked on requirement gathering and understanding business process of the client’s Performance Management and Customer Invoice Management modules and developing dashboards using Tableau
* Consulted the client during the workshops to identify the gaps in the current system and suggested the key performance indicators that has to be monitored for the Customer Invoice Management and Performance Management modules
* Developed 10 Power BI Dashboards by using advanced functions and interactive filters to represent the indicators
* Built SQL scripts that include complex queries for large databases with a complex authentication process

**Environment:** Power BI, SSIS, Power Query, SQL Server

**Project Role: Data Analyst-Tableau**

**Industry: Retail Company**

* Worked on complex stored procedures, Table views using Teradata
* Worked on Data modelling and created ER diagrams
* Worked on Informatica PowerCenter tool to extract, transform and load data
* Designed, developed, tested, and maintained Tableau functional reports based on user requirements
* Provided production support to Tableau users and wrote custom SQL to support business requirements
* Implemented data blending to blend relational data from different data sources

**Environment:** Tableau, Teradata, SQL server, Data Modelling, Informatica

**Project Role: BI Developer-Power BI**

**Industry: Oil & Gas**

* Participated in requirements meetings and Scrum Calls to understand the Report Requirements.
* Identified and documented detailed business rules.
* Used Power Query / Query Editor for Data transformation as per the reporting needs.
* Created Data Model in Power Pivot by Establishing the Relationship Between the tables.
* Created New Columns and New Measures over data models for the purpose of enhancing Power BI visuals using DAX.
* Participated in weekly, daily meetings, reviews meeting as well as communicating with business teams.
* Integrated Custom Visuals based on business requirements using Power BI desktop.
* Created Hierarchies and Drilldown Reports.
* Created Microsoft Power BI Dashboards in Power BI Service using Reports.
* Installed and Configured Data Gateways to Refresh and Schedule Refresh the Dataset.
* Managed access of Reports, Dashboards and Data for individual users using roles.
* Implemented Row Level Security as part of Security.
* Provided continued maintenance and development of bug fixes for the existing and new Power BI Reports
* Involved in gathering business requirement, building up a solution to implement business logic.
* Monitored SQL query and tuned queries and procedures to boost database performance

**Environment:** Power BI, SSIS, Power Query, SQL Server

**Project Role: Power BI developer**

**Industry: Pharma Company**

* Participated in requirements meetings and Scrum Calls to understand the Report Requirements.
* Used Power Query / Query Editor for Data transformation as per the reporting needs.
* Created Data Model in Power Pivot by Establishing the Relationship Between the tables.
* Enhanced the Data Model by creating New Columns and New Measures using DAX.
* Developed at least two - three visual options for each report for discussion with stakeholders and customers.
* Created Hierarchies and Drilldown Reports.
* Created Microsoft Power BI Dashboards in Power BI Service using Reports.
* Installed and Configured Data Gateways to Refresh and Schedule Refresh the Dataset.
* Managed access of Reports, Dashboards and Data for individual users using roles.
* Implemented Row Level Security as part of Security.
* Developed and maintained DAX calculations, measures, and calculated tables to support data analysis for the sales department, resulting in a 15% increase in sales revenue.
* Optimized DAX queries and data models, reducing report generation time by 30%.
* Created and managed data models in Power BI, ensuring data integrity and report consistency.
* Provided continued maintenance and development of bug fixes for the existing and new Power BI Reports.

**Environment:** Power BI, SSIS, Power Query, Oracle

**Project Role: BI Analyst**

**Industry: Services Company-Information technology**

* Worked as BI analyst to understand the KPI’s and carried out the development and administrating support estimates for SSRS (SQL server) Report Applications
* Integrated SSRS reports with other Microsoft tools, such as SharePoint and Power BI, to enable seamless sharing and collaboration across different platforms.
* Conducted training sessions and provided technical support to end-users on how to run, view, and export reports in SSRS, and how to use the report server and related tools.
* Developed custom solutions using SSRS and other Microsoft technologies, such as SQL Server Integration Services (SSIS) and SQL Server Analysis Services (SSAS), to automate data processing and reporting tasks.
* Demonstrated strong problem-solving skills and attention to detail in troubleshooting and resolving issues related to SSRS reports, data sources, and server configurations.
* Developed highly optimized SQL stored procedures, functions, and database views to implement the business logic and also created clustered and non-clustered indexes

**Environment:** Power BI, SSIS, Power Query, SQL Server

**Project Role: Data Analyst-SQL Developer**

**Industry: Manufacturing Company**

* Write complex SQL queries for validating the data against different kind of reports.
* Worked with excel pivot tables
* Performed data management projects and fulfilling ad-hoc requests according to user specifications by utilizing data management software programs tools like Excel and SQL.
* Involved in extensive Data validation by writing several complex SQL queries and involved in back-end testing and worked with data quality issues

**Environment:** SQL, SQL Server

**Project Role: Data Science Analyst**

**Industry: Retail**

* Worked as a data scientist to analyze and forecast sales across various retail channels. The purpose of the project is to use various data cleansing techniques to clean the data and forecast the sales using various statistical models using R.
* Used ARIMA and Exponential smoothing models along with techniques such as sub-setting the data and use of functions to iterate the model for various retail channels

**Environment:** SQL, SQL Server, Python, Regression, Classification, Time series forecasting

**Project Role: Data Analyst-SQL Developer**

**Industry: Banking**

* Participated in Requirements discussions, application creation discussions.
* Designed Entity Relationship (ER) Diagrams using SQL Power Architect.
* Created new tables, Stored Procedures, Views, Functions and Triggers.
* Performance Tuning in SQL Server 2012/2008 using SQL Profiler.
* Created linked server to interact with the database in different servers.
* Prepared the Data Dictionary and Screen Field Mapping sheets on assigned modules.
* Prepared the SQL queries to accommodate Business logic provided.
* Maintain referential integrity, domain integrity and column integrity by using the Available options such as constraints etc.
* Identified columns for Primary Keys in all the tables in the design and implemented them.
* Extensively used Joins and sub-Queries to simplify complex queries involving multiple tables and also optimized the procedures and triggers to be used in production.
* Created indexes, Constraints and rules on database objects for optimization.
* Worked on creation of Users/Logins/User Rights.
* Managing historical data from various heterogeneous data sources (i.e., Excel, Access).

**Cognizant Technology Solutions**

**Programmer Analyst****May 2011 –Dec 2014**

* Worked in the banking domain for a U.S. based bank
* Designed the required test strategy in line with the scope and organization standards
* Written and executed the test cases and verified the quality compliance of software product
* Performed system testing, end to end testing and regression testing
* Handled multiple projects at the same time
* Planned and organized knowledge transfer to peers

**Projects & Internship**

**Management Summer Internship-Blue Star Limited May 2015 –July 2015**

* **Project Title:** Impact of Brand and Product Visibility and Influencer Analysis in Multi Brand Stores
* Analyzed the consumer buying behavior and importance of various promotional factors for a air conditioner products and suggested the corrective action that result in improvement of Blue Star air-conditioner sales at various stores

**Advanced Market Research Project Aug 2015 –Jan 2016**

* **Project Title:** Identification of the Critical Success Factors of Indian Food Retail Chain
* The project tries to bring out the main factors, which will influence the success factors of these retail chains. These factors will also help new market entrants to set up their retail shops in India and successfully emerge as a market leader

**Engineering Project Dec 2011 –Apr 2012**

* **Project Title:** Performance and Emission analysis of CI engine using alternate fuel
* The alternate fuel used was Mahua oil. Performance parameters such as Brake Power, Brake Thermal Efficiency, Specific Fuel Consumption, Mechanical Efficiency, Exhaust Gas Temperature and Cooling Water Outlet are evaluated
* **Achievements and awards**
* Recognized with PwC Experience Award for the quality of work delivered to client
* SAS Certified Statistical Business Analyst in Regression and Modeling through SAS with 78 Percent
* Winner of the event ‘Sarvaagami’ in ROBOVEDA’11 conducted by Sreenidhi Institute of Science and Technology
* Won Merit Certificate in State level talent exam conducted by Sri Krishnaveni Talent School