**V R Mutyala**

**Data Analyst | Power BI Developer**

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**SUMMARY**

With over 15 years of IT experience, including 8 years in Business Intelligence and Data Analysis and 6+ years in Quality Assurance. Strong problem-solving and analytical skills with a customer-centric approach. Proven success in driving business performance through data analytics and visualization techniques, having used Power BI, Python, and SQL for data analysis, which resulted in revenue growth and cost savings and operational efficiencies. Expertise in ETL, data modeling, predictive analytics, and automation of reports. Strong communication and collaboration skills, with a history of communicating insights about data at all levels to different stakeholders in a very effective manner.

**DOMAINS**

## Retail Services, e-commerce, Web Applications, Financial Management, ERP, CRM, Public & Private sectors and Mobile Applications.

**CORE COMPETENCIES**

* Business Intelligence
* Report Migration
* Data Cleaning
* Data Validations
* Document Management
* Stakeholders Management
* UAT Facilitation
* Unit Testing
* Functional & Regression Testing
* Tracking, Logging & Reporting
* Issue Identification & Resolving
* Presentation of system to Clients
* Data Modelling
* Performance Analyzing
* End user Training

**TECHNICAL SKILLS**

* Data Analytics and Visualizations: Power BI, Tableau, Excel Pivot, Google Looker
* Programming Languages: Python, R
* Data Handling & Transformations: ETL/ELT Process and Advanced SQL
* Frameworks and Libraries: Numpy, Pandas, Matplotlib, Seaborn, SK Learn.
* Cloud and Integration: Azure Analysis services, AWS, Google Cloud Platform (Big Query)
* RDMS: SQL Server, MySQL ,PostgreSQL
* Wireframe Tools : Balsamiq, Moqups

**CONSULTING SKILLS**

* Proven ability to work collaboratively with cross-functional teams to gather requirements and deliver impactful analytics solutions.
* Hands-on experience in integrating data from SQL Server, Azure SQL DB, PostgreSQL, APIs, and cloud platforms (Azure, AWS).
* Expertise in data analysis using Python (pandas, Scikit-learn) or R, including building predictive models and automating workflows.
* Skilled in SQL, Power BI, Tableau, SSIS, SSRS, SSAS, and ETL processes for efficient data extraction, transformation, and reporting.
* Proficient in dimensional modeling techniques (star and snowflake schemas) for optimizing data storage and retrieval.
* Advanced in DAX, Power Query, and creating dynamic dashboards, reports, and KPIs for actionable business insights.
* Proven ability to develop secure data models using Row-Level Security (RLS) and automate workflows with Power Automate and Power Apps.
* Exceptional in writing complex SQL queries (joins, views, stored procedures) and performing advanced statistical analysis for decision-making.
* Strong communication skills to present technical insights effectively to stakeholders across technical and non-technical backgrounds.
* Familiar with Agile methodology, Kimball approach, and version control tools like GitHub for seamless project execution.
* Created Gateway for Data Refreshing and Scheduling (Date and Time frequencies) by using Power BI Cloud Service and Power Automate.
* Involved in monitoring the SAP servers, OS, Network drives and application components by Site Scope CCMS (computer center Management system).
* Experience in conducting User Trainings on SAP systems and Mobile.
* Extensive knowledge of Oracle and SQL Server systems, including the ability to prepare and execute the queries required for reporting.
* Professional expertise in Smoke Testing, Black-Box Testing, User Acceptance Testing (UAT), Functional Testing, Positive/ Negative Testing, System Testing, Regression Testing, GUI Software Testing, Ad-hoc Testing, Cross Browser/ Cross Platform Testing, UI Validation and Web Services Testing.

**WORK EXPERIENCE**

**Data Analyst, 3XpertsServices Sep 2024 – Present**

* Built resource-efficient ETL pipelines using python, leading to data processing time reduction by 20 %
* Embedded 15 Power BI reports on a salesforce portal page and successfully managed access to data for over 1k user’s roles (Dynamic low level security-DLS).
* Developed the KPIs to monitor overpriced vendors, fraud invoices and duplicate purchases, allowing business users to take actions that resulted the $1.08M annually on the procurement savings.
* KPIs were developed to monitor the delivery impact (lost packages, incorrect deliveries) and targeted customer growth, resulting in a 20% decrease in customer churn annually.
* Automated data refresh workflows by integrating Power BI service with Power Automate, ensuring up-to-date reporting.
* Set up data alerts in Power BI to notify stakeholders of anomalies or key changes, improving proactive decision-making.
* Provided continues maintenance and development of bug fixes for existing and new power BI reports twice a month.

## Data Analyst, Tipp Focus Aug 2021 – Jul 2024

* Utilized DAX functions in Power BI to calculate key metrics and build dynamic visualizations that respond to user interactions.
* Analyzed data on appeals to identify the key drivers affecting appeal outcomes that assisted in developing a new strategy in appeals and increased the success rate by 5%.
* Combined SAP eservices real-time data into Power BI dashboards for up-to-date stakeholder insights, enabling proactive issue resolution.
* Conducted unit testing on reports, dashboards, and data repositories to ensure accuracy and functionality.
* Collaborated with stakeholders to define report requirements and deliver tailored Power BI dashboards.
* Provided support for report troubleshooting and enhancements, addressing stakeholder requests in a timely manner.

## Data Analyst, DLK Group Aug 2019 – Jul 2021

* Extracted and cleaned the offence fine data from the SAP HANA database using Python, thereby reducing inconsistencies by 15%.
* Created and integrated Python scripts that automate notice classification and routing, increasing case-assignment accuracy by 8%.
* Built interactive dashboards using Power BI to show KPIs around the processing times, resolution rates, and case volumes, increasing data-driven decision making by 15%.
* Analyzed data on payments to determine significant drivers of decisions to pay and created a focused communication strategy that raised the universal rate of payments received by 12%.
* Leveraged predictive analytics to forecast future fine revenue and optimize resource allocation, yielding a 5% increase in revenue collection.

## BI Reporting Specialist, Millennium Technologies Nov 2018 – Jul 2019

* Market trend development and analysis for over 50 diverse brands, increasing GMV by $4.5 million through strategic initiatives and actionable data insights.
* Reduced product return rates of key brands by 23%, identified and addressed with detailed data analysis some critical factors that led to returns.
* Created automated performance tracking dashboards with Tableau, streamlined reporting processes, and supported a 17% increase in revenue via top-level strategic inventory management insights.
* Automated discount optimization both for regular sales periods and promotional events, which drove 27% more inventory movement and facilitated better inventory liquidation across brands.

## BI Reporting Specialist, CSN Software Labs Mar 2015 – Oct 2018

* Understand the business requirements which SQL Server Reporting Services (SSRS) reports need to be migrated and the purpose, identified the data sources and business users.
* Gathered the high complexity of the reports, visuals, parameters, expressions and filters used in SSRS Reports to redesign in Power BI.
* Conducted the various validations on Power BI reports by comparing SSRS reports outputs, ensuring the 100% accuracy in calculations, filters and visualizations.
* Implemented the Row-Level Security on the reports to replicate the SSRS security settings ensuring secure and role –based data access for end-users.
* Improved reporting turnaround time by 30% through the migration of SSRS reports to Power BI, automated data refresh and scheduled report sharing via Power BI Service.

## Power BI Developer, CSN Software Labs Oct 2013 – Feb 2015

* Extracted data from Azure Analysis Services (AAS) and Azure SQL Database directly into power BI to simplifying the reporting process.
* Developed the KPIS to tracked overdue accounts, reduce the late payments by 25% in the first year by taking actions to address delays.
* Developed reports (YoY Growth area wise) and dashboards to track tax revenue, spot trends, and identify areas for improvement. These efforts contributed to a 15% boost in annual tax collection by helping the team focus.
* Real-time dashboards were created to help track the effectiveness of tax collection efforts. This resulted in a 25% increase in efficiency while ensuring that key financial goals were met.
* Designed and published interactive dashboards in Power BI Service, ensuring secure sharing and stakeholder accessibility.
* Automated email notifications for key updates and alerts via Power Automate, improving stakeholder engagement.

## Software Test Engineer, Singu Technologies Feb 2011 – Sep 2013

* Executed SQL Queries against the tables to pull the data and to perform the back-end testing in ETL.
* Generated test plans, test cases, and test specification documents for the AUT.
* Generated test data for the purpose of testing the billing functionality.
* Collaborated on and ran Autopsy's jobs repeatedly throughout the project.
* Placed a number of checkpoints, such as bitmap, text and database checkpoints, in the application under test to ensure that is working properly.

## Software Test Engineer, Virtusa Jan 2008 – Nov 2010

* Performed the testing on payment validations like cash, card, discounts and coupons.
* Performed the testing on the payment gate way activities: verify that the captured details are properly encrypted and decrypted, validity checked on the card CVV number of credit cards.
* Tested the Inventory management tools interact with POS (point of sale) system, vendor management system and shipment tracking system.
* Verify specific information about each tender cash, coupon identifier, and check number.
* Tested the system for various discount like a veteran discount, seasonal
* discount, under or over discount etc.
* Tested the system for different promotional offers on select line items and alert system that notifies end or beginning of seasonal offers.

**EDUCATION**

## Bachelor of Science in Information Technology May 2003 – Apr 2007

* Jawaharlal Nehru Technology University

**CERTIFICATIONS**

* SAP Certification – Reporting, Modeling and Data Acquisition with BW/4HANA.
* ISTQB – Certified Tester Foundation level from BCS the chartered institute for IT.