

Vraj Patel

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EXPERIENCE

Slalom

August 2022 – Present

Consultant – Data & Analytics

- Assessed 39 existing Qlik Sense dashboards, reports, and data models for migration requirements and identified opportunities to leverage advanced Power BI features.
- Executed a comprehensive migration plan, including ETL processes, to transfer data from Qlik Sense to Power BI while ensuring data integrity and accuracy.
- Developed customized Power BI dashboards and reports that enhanced functionality and met stakeholder requirements. Advanced features such as custom visuals, scatter plots, funnel charts, and tree maps were incorporated to provide more intuitive and interactive data representations.
- Implemented advanced analytics capabilities in Power BI, leveraging features like forecasting, clustering, and sentiment analysis. These features enabled users to perform predictive analysis, identify patterns, and gain deeper insights into the data.
- Trained executives and senior leaders to leverage advanced Power BI features for data-driven decision-making through tailored sessions on DAX calculations, Power Query Editor, and natural language querying.
- Developed customized Power BI dashboards for a cruise industry client, tracking website traffic, Shorex data, and internet purchases and utilized advanced Power BI features for interactive visualizations and insightful analytics.
- Provided ongoing support and maintenance for the Power BI dashboards, ensuring accuracy and performance optimization.
- Created and documented 17 Power Automate flows to automate the archival process for reporting files, improving efficiency, and reducing manual effort.

Deloitte Consulting

Solution Specialist – Strategy & Analytics

April 2022 – August 2022

Solution Analyst – Strategy & Analytics

September 2019 – April 2022

National Public Health Agency of the United States

- Started a Power BI division that supports the finance office for modernizing reporting and analytics.
- Generated Power BI dashboards, documentation guides, test plans, policies, and procedures documentation, and researched and implemented best practices for infrastructure and architecture for Power BI reporting.
- Assist in developing 12 SSAS Tabular models, PBI datasets, and PBI dataflows to enable finances offices the capability for self-service operational reporting and analytics and enable real-time reporting.
- Created, modified, and tested SSIS packages to improve performance for Data warehouse by 70%, and reduce database storage by 80%
- Assist in automating data warehouse SSIS deployments by reducing the deployment time by 80% and support data infrastructure enhancements for 12 deployments for finance office.
- Composed a proposal for migrating on premise database architecture to Azure cloud.

107B Fortune 500 healthcare company

- Identified key business and technology growth areas through the development of a Power BI dashboard as a Phase 1 prototype, winning a \$15.7M Phase 2 engagement.
- Developed project management dashboards and reports for Project Management office and Senior Executive office for the oldest and most experienced provider of health coverage using PowerBI, Microsoft Azure Datawarehouse, and Azure Data Studio.
- Identified 12 vital KPIs to measure and developed complex calculated measures using DAX to showcase the KPIs.
- Created a dashboard to showcase KPIs for Waterfall and Agile projects. Created dynamic dashboards using buttons with actions to navigate through multiple reports from one dashboard and change layout of dashboard based on the selection of Waterfall or Agile.
- Analyzed complex datasets to support data-driven decisions including experience writing advanced SQL queries.

Citi

June 2019 – August 2019

Internal Auditor- Data Governance and Risk Management Summer Analyst

- Assisted in auditing the Chief Data Office of Citigroup for data governance and risk management.
- Developed automated testing procedures for continuous auditing, by utilizing data analytics approaches.
- Completed DEA audit documentation and analyzed data sets for compliance, quality control analysis, evaluating business processes, and controls to identify data issues.

Oscher Consulting

August 2018 – June 2019

Forensic Accounting Analytics Consultant

- Developed storyboards to outline and identify key insights for litigation cases.
- Analyzed financial data and traced discrepancies and presented findings to be used as evidence at trial.
- Evaluated financial and bank statements, and other accounting sources to assist in calculating damages.

AaNeel Info Tech

June 2016 – December 2017

Business Analyst

- Supported the IT department with systems upgrade, data analytics, and in-house server management.
- Developed presentations for professional use at conferences and other professional affiliations.
- Used data analysis and story boarding to understand and identify trends to decrease hospital readmissions in the CCM (Chronic Care Management) program

EDUCATION

Georgia Institute of Technology

December 2023

Master of Science in Analytics | Overall GPA: 3.80

- **Relevant Coursework:** Analytics Modeling, Regression Analysis, Data Analytics for Business, Financial Modeling, Data Analytics for Continuous Improvement

University of South Florida

August 2019

Bachelor of Science in Business Analytics & Information Systems | Overall GPA: 3.9 Major GPA: 4.00

- **Relevant Coursework:** Program Design (C), Systems Analysis Design, Programming Concepts (Java), Data Analytics (R), Business App. Development (C#), Probability & Statistics for Engineers, Database Design/Administration

SKILLS

Software / Products:	Power BI, Tableau, Power Automate, GitHub, Git, AWS – (S3 bucket, Glue, Athena, Sage Maker, Quick Sight), Microsoft Azure, Microsoft SQL Server, Jira, SQL Server Integration Services, SQL Server Reporting Services, Azure Data Studio, R Studio, Microsoft Azure Data Warehouse, Power Query
Coding Languages:	R, Python, Java, SQL, HTML5, VBA
Algorithms:	Linear Regression, Logistic Regression, Decision Tree, SVM, Naïve Bayes, KNN, k-means
Operating Systems:	Windows, Linux, Mac OS
Databases:	SQL Server, MySQL, Azure SQL Database, Azure Database, SQL Managed Instance, Cosmos DB
General Tools:	Microsoft Office (Excel, Word, Visio, Project, Access)
Languages:	English, Gujarati, Hindi

PROJECTS

NFL Geospatial Data

- Analyzed geospatial data for an NFL team to develop a model to measure offensive and defensive lineman performance factoring in positive and negative outcomes. Data was stored in AWS S3 buckets. I used AWS glue to extract, transform and load the data in data warehouse. AWS Athena was used to analyze the data. I built the model on AWS Sage Maker and used AWS Quick Sight to create an interactive dashboard.

CERTIFICATIONS

- SAFe POPM (Product Owner Product Manager) Certified – August 2023
- AWS Cloud Practitioner - July 2020
- Microsoft Azure Data Fundamentals – January 2022
- Lean Six Sigma Yellow Belt – December 2021
- Secret Level Security Clearance

AWARDS

- Pro Football Analytics Hackathon **June 2021**
 - Team captain responsible for project coordination and placed top 10 across Deloitte worldwide in creating a business case and model implementation for an NFL team.
- Data Blitz **October 2019**
 - Placed 2nd nationally for annual Data Blitz competition at Deloitte by performing analysis on Opioid crisis in America by utilizing Tableau to generate storyboards.

LEADERSHIP

Deloitte

September 2019 – August 2022

Onboarding Advisor and Interviewer

- Conducted over 79 behavioral interviews and served as an onboarding advisor to 5 analysts and 3 interns.