

Eric Frayer

Data Analytics - Business Intelligence

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Experienced Architect and Full Stack BI Professional with background in delivering complete enterprise reporting and data analytics solutions. Direct hands-on design, architecture, and application development experience. Technical and consulting expertise leveraging data warehouse and data visualization applications. Strong background in Data Mining, Statistical Analysis (Python, R, SPSS) and GIS (ESRI). Data Analysis using standard applications (SQL and Excel) and Data Visualization software (Tableau, Microsoft Power BI and Qlik). SDLC and Agile experience leading people, resources, and processes.

Work Experience

Director – Enterprise Data and Analytics

American Modern Insurance Group (AMIG) - March 2023 to February, 2024

Leader in the business unit responsible for enterprise data and analytics strategy, governance, enablement, and best practice education in the Data & Analytics space. Responsibilities include developing and implementing long range data & analytic strategy in alignment with corporate strategic goals, and tactics enabling data driven decision making and insight generation. Working closely with partners and stakeholders to mature a data driven road map and associated data-driven investments and governance processes and policies. Hands-on technical contributor (player/coach).

Cloud and Data Services Practice Director

Vaco Cincinnati LLC. March 2022 to January 2023

Responsible for developing, supporting, and advancing Vaco's Cloud and Data Services Practice. Acting as a key enabler of Vaco's growth strategy to empower companies to be more data-driven by designing, developing, and supporting strategic data visualization, integration and cloud optimization projects and strategies.

Hands-on delivery of consulting projects, advising clients, providing thought leadership, and supporting pre-sales activities for data and cloud services through Vaco's Managed Services consulting practice.

Senior Principal Consultant

Lingaro - November 2019 to February 2022

Providing technical delivery for US and European projects. Leading and developing BI applications using Snowflake and Data Visualization tools including Power BI, Tableau and Qlik.

- Lead for Data Analytics projects using Power BI implementations for two FORTUNE 500 customers.
- Delivered workshops in Snowflake and Power BI. Supporting Sales and Delivery teams.
- Managing and participated in Agile Delivery sprints as Individual Contributor and Scrum-Master.
- Supporting project work with Azure ADF, Databricks and Synapse.

Director of Analytics

LendKey Technologies, Inc. - June 2018 to September 2019

Responsible for Portfolio Analysis and LendKey Analytics. Provided data for external customers using Power BI Report Server. Helped to grow the Analytics and Data team from 2 to 6 persons. Responsible for development of Predictive Data Modelling and Architecture using Azure Machine Learning server.

- Built and Delivered Logistic Regression Models for Credit Underwriting and Decisioning. Used R and

SPSS to identify meaningful Credit Report Attributes and evaluated model performance.

- Performed statistical and quantitative analysis including data collection review, production of finished work products and managing of all deliverables.

Sr. Director, Development and Enterprise Architecture

Blue Health Intelligence (BHI) - September 2017 to June 2018

Worked on various Development and Architecture projects. BHI is the technical research and development arm of the national Blue Cross/Blue Shield Association. Architecture and application focus using the Qlik Sense OLAP QIX engine as part of an integrated OEM/SaaS product.

- Established technology plans, applications, budgets, and timelines following Software Development Life Cycle (SDLC) including Agile, Scrum and Project Management Institute (PMI) methodologies.
- Documented and conducted performance appraisals, recommended salary and promotional increases, and resolved disciplinary actions.

Senior Principal Technical Architect

Qlik Technologies - August 2012 to August 2017

Provided technical solutions for integration between Qlik Business Intelligence platform and customers' enterprise systems. Lead technical architecture/design sessions and writing technical architecture/design documents. Solved client technical issues and coaching client technical staff on their projects. Managed technical scope and provided hands-on expert level assistance to clients and colleagues for technical issues and knowledge transfer.

- Worked on over 100 billable technical engagements with enterprise clients in different verticals (e.g., Financial Services, Healthcare, Manufacturing).
- Recognized leader in Qlik Architect team including Qlik Consulting Global Rock Star - 2014, Qlik Consulting Annual Award - 2014, 2015 and High Contributor status.
- Delivered technical workshops, exercises, and presentations. Conducted training classes on data modelling, Qlik, SQL, Excel, and various Data Analysis techniques.

Sr. Business Intelligence Analyst, Resurgent Capital Services

Sherman Financial Group

May 2003 to August 2012

Served as part of an 8-person Analytics team responsible for designing and deploying Microsoft based Business Intelligence solutions. Built OLAP Cubes, managed Data Warehouse and ETL processes. Extensive use of Excel, SQL Server, Analysis Services and Reporting Services.

- Designed and built OLAP Cubes, Pivot tables and integrated reporting solutions using Microsoft BI technologies including Microsoft Office, Analysis Services, Reporting Services and SharePoint.
- Technical Lead for a new business start-up Credit One Financial Solutions. Responsibilities included data warehouse and business application development. 3-year project involving the origination and servicing of \$200 million dollars in receivables (17,000 loans) using First Data Corporation (FDR) as servicing platform.
- Technical Lead for Third Party data to support Data Mining and Data Analysis Initiatives. Extensive work with Credit Bureau data used to segment and describe borrowers/debtors.

- Coordinated IT goals and objectives assuring that aims were accomplished in accordance with priorities, time limitations and funding conditions. Successfully managed multiple IT projects at one time.
- Technical Lead for migration of Enterprise Data Warehouse to 64-bit SQL Server 2005 environment. Built or migrated all production objects including Analysis Services cubes, Reporting Services reports and associated ETL procedures. Coordinated cutover for 150+ Data Warehouse users.

Software Development Manager

Cintech Solutions, Inc
April 2001 to April 2003

Responsible for managing ongoing software development for Flagship products. Served as part of 4-person management team directing department of 28 developers. Directly supervised seven developers working with the following technologies: C, C++, Visual Basic, SQL Server and Java.

- Managed and coordinated hardware, software, and network configurations. Developed multi-tiered client-server applications and designed/maintained underlying databases.

Education

Master of Business Administration (MBA) - Marketing, Accounting, Finance

Miami University

Master of Public Administration (MPA) - Public Sector Financial Management

University of Cincinnati

Bachelor of Science in Social Science Education

University of Cincinnati

Skills

Business Intelligence

Microsoft BI Stack SSIS, SSRS, SSAS (10+ years)
Analysis Services and Power BI (5 years)
Qlik Sense/QlikView (5 years)
Power BI (5 Years)
Tableau (1 Year)

Statistics and Analytics

SPSS 25 - (3 years)
R, RStudio, Rattle (3 years)
Python (2 years)

Application and Web Development

HTML, CSS, JS (Node.js) (3 years)
Visual Studio (5 years) VS Code (5 years)

Database Development

SQL Server (10+ years)
Oracle (2 years)
MySQL (1 year)

GIS

ArcGIS Pro (1 year)
ArcGIS Desktop (1 year)

Cloud

AWS (3 years)
Azure (3 years)

Additional Information

Skill Areas

Application, Technology and Systems Experience

Microsoft Business Intelligence stack including Azure Synapse, Azure Machine Learning Studio, Power BI, Azure Data Factory, Azure Databricks, Azure SQL Server, Azure Analysis Services, SSAS, SSIS, SSRS and Visual Studio 2012, 15, 17 and 19.

Qlik Sense and QlikView Architecture and Development experience. Tableau Desktop and Tableau Server experience.

Client/Server and web-based application development and deployment utilizing Angular and Node.js, Visual Studio.NET, HTML5, CSS.

Operating systems experience including managing Windows Server 2008/2012/2016 and SQL Server in Production.

Experience with Geographic Information Systems (GIS) applications utilizing ESRI's ArcView and MapInfo Professional. Use of Census and TIGER data and commercial databases.

Database Development using SQL Server (T-SQL), Oracle (PL-SQL) and MySQL.

Statistical Analysis using R, Python, SPSS, and SAS JMP.

Generative AI using pro subscriptions to OpenAI and Perplexity.

Examples of Work Available at <https://www.EricFraye.com> and <https://www.ThinkDataAnalysis.com>

GitHub: <https://github.com/efrayer>

Medium: <https://medium.com/@ericfrayer>

Linked In: <https://www.linkedin.com/in/ericfrayer/>