

**Ryan P. Casey, MBA, BA**

*Azure, On-Premises Data Solution Architect and Delivery (DevOps) Manager*  
Microsoft Data Platform MVP Global Award, Friend of Redgate Global Award

*Microsoft Data Platform MVP (2017 & 2018), Friend of Redgate (2008-2018), Public Speaker, and Team Leader / Mentor with Delivery (DevOps) Management Experience.*

- 18+ Fortune 500 Corporations Implementing Data Centers and Warehouses
- 18+ years SQL Server and Oracle (T-SQL, PL-SQL), (Excel, Flat Files, XML)
- 15+ years Visual Studio (Azure, SSDT Business Intelligence, DevOps, MVC, C#, VB.Net)
- 15+ years Power BI, SSAS (Tabular), Excel / Power Pivot, SSIS, SSRS using Agile Methodology
- 10+ years Leading Large BI Teams (multi-country off-shore locations)

**PROFESSIONAL EXPERIENCE**

**Acuity Brands Lighting**, Conyers, GA

**9/2018 – 1/2019**

*Azure Solution Architect*

- Responsible for Data Lake Architecture using ADLS/A and U-SQL
- Data Integration developed using Data Factory, BLOB Storage, Databricks, and Automation
- Utilized SQL Data Warehouse to Migrate On-Premises Data Warehouse to the Cloud
- Designed Data Lake / Warehouse Delivery from Curated Zone using External and Internal Tables
- Implemented Azure Analysis Services Row Level Security (RLS) using AD Groups
- Security Design included Power BI Premium Workspace (Storage) Access using Office 365 Groups
- Architect for Agency Pilot using Power BI and AD B2B Providing 3rd Party External Access

**iDiscovery Solutions**, Washington, DC

**6/2018 – 8/2018**

*Legal Services SQL Server Analytics Remote Consultant*

- Data Analysis, Computer Forensics, E-Discovery for a fortune 300's class action lawsuit
- ETL to transform and conform the CDF into a standardized star schema model called the UDF
- Delivery (DevOps) Management, Source Control, Sprint Planning, Planning Poker
- POLE (People, Object, Location, Event) data analysis using TSQL on AWS and Workspaces
- Geo Data Parsing (Latitude / Longitude), Out of State and On Duty Analysis using Geo Data
- Pay Type Analysis, Rate Diversity Assessment, and Payment / Geo Data Time Analysis

**Caliber Home Loans**, Coppell, TX

**1/2018 – 5/2018**

*Senior Microsoft Analytics Architect / Consultant*

- Architect on analytic project: Star Schema, SSAS Model Load Process, Pivot Tables (Excel)
- SSAS Tabular Model and Optimization using Excel, Power BI, and DAX Studio
- Azure SQL Database and SSAS, Hybrid Design with On-Premises Data (road map)
- Fact Tables (Loan, Escrow Line, Customer Transfer Interaction, Message, and Transaction)
- Technical Team Mentoring (Data Models, Star Schema, Source Control, Data Point Mapping)

**SmithGroup JJR**, Ann Arbor, MI

**6/2017 – 12/2017**

*Managing Microsoft Analytics Architect / Remote Consultant*

- Team manager on large project: Current Environment Analysis / Roadmap, Star Schema Design
- Delivery (DevOps) Management, Source Control, Change Management, Dev to Prod Deployment
- Developed SSIS / ADF (ETL / ELT) Integration / Power BI Strategy / IoT (internet of things)
- Responsible for SSAS Tabular Modeling using Excel, Power BI, DAX Studio (optimization)
- Implemented Azure SQL Database, Azure AS, IoT, Stream Analytics (RFID badges)
- Data Warehouse (BI) Procedures, Best Practices including Source Control, DevOps, and Agile

**Academic Partnerships, Dallas, TX**

**11/2016 – 3/2017**

*Analytics and Data Warehouse Engineer*

- Team Lead tasked on large analytic projects: data partitioning, validation, and Azure re-platform
- SSAS Tabular Models and Optimization, Excel, Power BI, and DAX Studio
- Conceptual, Logical, and Grain Modeling using ERWin (Process Modeling using Visio)
- SSIS, SSRS, SSAS, T-SQL, and PowerShell Development utilizing local and off-shore teams
- Delivery (DevOps) Management, Source/Change Control, User Stories, Test Plans, Planning Poker

**Fleet Pride, Irving, TX**

**07/2016 – 09/2016**

*Lead Microsoft Analytics and Business Intelligence Architect*

- Architect, SQL Server SSIS Packages for Vendor Feed Supply Chain, UPS Origin
- Delivery (DevOps) Management, Planning Poker, Sprint Reviews, Burndown Rate
- Analytics Delivery Dashboard, Sales Commission & Pricing Rebates, and Daily Freight Process
- SSAS Tabular, Power Pivot (Excel) and DAX Studio including SSAS Optimization
- IoT and Steam Analytics, Azure SQL Database from Trucking (driver) Data
- Data Models for Data Warehouse, Data Marts, Star Schemas, and ETL Data Lineage

**RealPage, Inc. (NASDAQ: RP), Carrollton, TX**

**02/2016 – 05/2016**

*Senior Data Warehouse and Analytics Developer III*

- Accounting and OMS Data Marts, Star Schemas, and ETL Data Lineage Data Models
- Architect, SSIS Project Deployment Model Package Upgrades and New Development, DevOps
- Analytics, SSAS Tabular and Optimization, Power BI, Excel (Power Pivot) and DAX Studio
- Azure SQL Database, IoT and Steam Analytics for Nest Thermostat Smart Device
- Scripted T-SQL Queries for Fact / Dimension Compliance, Auditing, and Query Tuning

**Mary Kay, Inc., Addison, TX**

**10/2015 – 01/2016**

*Microsoft SQL Server / SSIS Remote Architect*

- Data Models for Data Warehouse, Data Marts, Star Schemas, and ETL Data Lineage
- Architect, SQL Server SSIS Packages using Project Deployment Model, DevOps
- Developer, T-SQL Scripts for Data Warehouse Tables, Stored Procedures, and Indexes
- AWS, Zilion Source IoT Supply Chain (cargo asset management)
- SQL Server Row / Column Based Auditing and T-SQL Sanity Checks

**GameStop, Corp. (NYSE: GME), Grapevine, TX**

**10/2014 – 05/2015**

*Data Modeler, DBA, Senior ETL / ELT Architect*

- Data Models for Data Marts, Star Schemas, Data Repositories, and ETL Data Lineage
- Architect, SSIS Projects using Parameters, SSISDB Environments, and SQL Jobs, DevOps
- Developer, SSRS Tablet Usage Reporting, and SSAS Multi-Channel Product Dashboard
- Azure SQL Database and XBOX IoT for Digital Content Games (Best for You Fitness UWP)
- Tuned T-SQL Ship from Store (XML) and Commission Based PC Downloads Queries

**Envision Healthcare (NYSE: EVHC), Dallas, TX**

**07/2013 – 04/2014**

*Lead Microsoft Business Intelligence Architect, DBA*

- Architect, Emergency Department Analytics including SSIS ETL with Data Discovery
- Developer, SSAS KPIs for Patient Volume, 72 Hour Re-admits, and Length of Stay
- Data Modeler for Data Warehouse, Data Marts, Star Schemas, and ETL Data Lineage, DevOps
- DevOps, Agile TFS / Source Control with Integration, Dev, Test, UAT, Hot Fix, and Prod
- American Medical Response (AMR) Ambulance IoT and Azure SQL Database (vital signs)

**Standard Motor Products** (NYSE: SMP), Lewisville, TX **02/2013 – 05/2013**  
*Lead Microsoft Business Intelligence Architect, DBA*

- Architect, Enterprise Data Warehouse Infrastructure, Architecture, and Disaster Recovery
- Documented Requirements, Data Discovery, DevOps, and Current Infrastructure & Architecture

**Safety-Kleen** (NYSE: CLH), Richardson, TX **05/2012 – 02/2013**  
*Lead Microsoft Business Intelligence Architect*

- Architect, Star Schema / SSAS Oil Cube to Monitor Sales of 3 Recycled Oil Refineries
- Architect, SSIS ETL Customer Segment and Zone Pricing, Delivery (DevOps) Management
- Developer, SSIS Pay-For-Oil process that Utilized SAP Data Connectors and SAP Hana
- Performance Tuned SSRS Reports, T-SQL Queries, and Performance Point Dashboards
- Documented SSIS, SSRS, SSAS and Performance Point Requirements and Processes

**Cambium Learning Group**, Dallas, TX **03/2012 – 05/2012**  
*Senior SSRS Architect*

- Architect, Class Schedules and Rosters with Department and Locations
- Documented Staff Reporting and Dashboards and Chart of Financial Reporting

**Hitachi Consulting**, Dallas, TX **10/2011 – 03/2012**  
*Lead Microsoft Business Intelligence Gold Partner Architect, DBA*

**Client: PepsiCo** (NYSE: PEP)

- Architect, Closed the statement of work (280k) for a DTS Solution Migration, Upgrade, DevOps
- Data Modeler, “Hybrid Delivery Solution” Composed of the most Valued Customers

**Client: Uplift Education**

- Architect, SSAS KPIs for Development of Faculty, Staff and Academic Instruction
- Developer, SharePoint BI Center with SSRS Dashboards, and Power Pivot Gallery
- Performance Tuned SQL Server and SSRS Data Set T-SQL, and SSAS MDX Queries

**Blue Cross Blue Shield of Texas**, Richardson, TX **6/2011 – 10/2011**  
*Senior SQL Server Architect, Dashboard Architect*

- Architect, SSRS Dashboards and T-SQL for Data Mart Database Objects

**Examination Management Services** *Senior ETL Architect* 03/2011 – 06/2011

**Catapult Systems** *Lead Microsoft Business Intelligence Gold Partner Architect, DBA* 12/2010 – 03/2011

**T-System** *Lead Data Services Architect, DBA* 08/2009 – 08/2010

**Robert Half International** (NYSE: RHI) *Microsoft Business Intelligence Gold Partner* 01/2008 – 02/2009

CLIENT: **Torchmark** (NYSE: TMKPRA) CLIENT: **Source Corp**

## EDUCATION

University of Texas at Dallas **8/2011**  
Professional MBA Program – Innovation and Entrepreneurship Focus (3.698 GPA)

Bachelor’s Degree - Boise State University **8/2002**  
BA in English, Technical Communication & Computer Information Systems (CIS) Minor  
Dean’s List with High Honors: Spring of 2000 and Spring of 2002 (3.127 GPA)