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## MICHAEL FOLEY

**SUMMARY** Data Analyst skilled in data modeling, data management, and the analysis, interpretation, and presentation of data. Experienced in data warehousing, business intelligence, and in statistical analysis.

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**SKILLS** Analysis and Visualization: Power BI  
Statistical Analysis: R, SQL  
Microsoft Excel: PowerPivot, Pivot tables, VBA  
Database: Access, SQL Server

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**CERTIFICATIONS**

**BUSINESS INTELLIGENCE**  
DAT206x: Analyzing and Visualizing Data with Excel  
DAT207x: Analyzing and Visualizing Data with Power BI  
Visual Analytics with Tableau

**STATISTICAL ANALYSIS**  
Data Scientist with R Track (DataCamp)  
SAS Certified Base Programmer for SAS 9

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**WORK HISTORY**

**DATA ANALYST, THE CENTERS FOR FAMILIES AND CHILDREDN, CLEVELAND, OH**  
05/2018 – present  
Data analyst and business intelligence developer focused mainly on quality improvement initiatives. Analyzed operational data in R to identify opportunities for efficiency improvement. Built dashboards in Excel (Power Pivot) and Power BI.

**DATA ANALYST, REGULATORY ECONOMICS GROUP, RESTON, VA**  
06/2010 – 05/2018  
Consultant to oil pipeline companies, supporting litigation and regulatory compliance. Developed Excel-based models for lease to clients supporting regulatory reporting, depreciation analysis, and pipeline throughput allocation (VBA macros). Performed statistical analyses of oil pipeline industry for expert testimony in litigation settings (Stata, R).

**DATABASE DEVELOPER, JOHNSTON MCLAMB, CHANTILLY, VA**  
02/2006 – 06/2010

Database ETL (extraction, transformation, and loading) and report developer for US Postal Service. Designed and implemented database structures to support business intelligence (BI) software packages. Developed reports in Microstrategy. Developed ETL processes in Informatica to load and maintain databases. Collected and documented client requirements. Wrote detailed design documents.

**DATABASE DEVELOPER, CYBERBEST TECHNOLOGY, GERMANTOWN, MD**

04/2002 – 01/2006

Data warehouse ETL and report developer for various projects with US Postal Service. Integrated source system data into Teradata data warehouse for numerous business segments, including retail, logistics, and human resources. Developed business intelligence reports on Microstrategy platform. Optimized database performance by modifying SQL queries and database structures.

**DATABASE DEVELOPER, HOMESTORE.COM, SAN FRANCISCO, CA**

02/1998 – 02/2002

Database developer in large corporate data warehouse. Modeled data marts for Oracle and Teradata platforms. Developed ETL processes using unix scripting, perl, Oracle utilities, and Teradata utilities. Developed marketing data mart in Oracle with a Crystal Reports front-end. Developed web site applications in java.

**PROGRAMMER ANALYST, INTEL CORP, SANTA CLARA, CA**

01/1996 – 02/1998

Supported software applications for factory floor operations. Wrote programs in C++ with ODBC to populate databases. Delivered technical support and conducted training seminars for software super-users.

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**EDUCATION**

**MA ECONOMICS, GEORGE MASON UNIVERSITY, FAIRFAX, VA**

08/2010 – 05/2012

**BS PHYSICS, CARNEGIE MELON UNIVERSITY, PITTSBURGH, PA**

08/1991 – 12/1995

**PUBLICATION:** BAYARD K. JOHNSON, ROBERT F. SEKERKA AND MICHAEL P. FOLEY, "SCALING OF FRACTAL AGGREGATES," PHYS. REV. E52 796-800 (1995).