

Alexander E. Dell

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About

I am passionate about utilizing data to effectively communicate powerful visualizations that will enable management to make accurate, confident decisions. From my time at GEICO, I am now highly proficient with SQL, SQL Server Administration, Snowflake, DAX expressions, Power BI, SAS, Power Automate, and Power query. I have five years of data analysis experience in various industries. I have a Math bachelor's degree and an Actuarial Science post-graduate diploma which has provided me with a strong foundation for understanding complex ideas. However, I'm still seeking education and professional experience to expand my skillset into Data Science and Machine Learning to provide greater value in future data analysis roles.

Areas of Expertise

- Power BI - Microsoft Certification DA-100
- DAX expressions
- Snowflake
- SQL
- SQL Server Administration
- Python, SQL, SAS, and R
- Power query
- Visual Studio
- ML and Data Science
- Azure DevOps
- IBM Netezza
- MS Azure and IBM DB2
- Excel and VBA - Coursera Certificate
- Microsoft Office (advanced)
- MCSA
- HTML 5, CSS & PHP
- Python

Work History

08/01/2021 - Present

Business Intelligence Developer

GEICO

Building interactive reports using Power BI, SQL, and Snowflake. This role requires gathering data from complex data sets, analyzing it, and presenting it to upper management at GEICO so they can make informed decisions. The results are presented in an easily readable, interactive format so the takeaways are clear. I worked with Azure Machine Learning tools for more predictive data exploration and sentiment analyses.

Recently, I have worked on a complex report for Backdating Endorsements where I combined multiple data sources in Power BI into a single model that helped our management team make the decision to change our current process where we were losing money unnecessarily. This effort helped the company save approximately \$7 million per year.

04/08/2019 – 07/31/2021

Product Management Analyst

GEICO

Developing and executing product design strategies for Geico’s insurance business. Coding in SAS and SQL, assisting in the preparation of statistical exhibits used for analysis, presenting observations or analyses to management, and understanding industry terminology and concepts.

In this position, I implemented multiple insurance products that helped drive growth in the company. I was able to pull data and found that one of our products had been implemented incorrectly. Using my data analysis and reporting skills I was able to present my findings to upper management and save our company approximately \$1 million per month.

11/01/2013 – 03/15/2019

Commercial Realtor

Coldwell Banker Commercial

As part of my Real Estate work, I was required to provide in-depth analysis of commercial properties for investors. I loved breaking down all the issues and benefits of a property for my clients in a way that made sense for them. I got to apply my Actuarial Math training and Excel knowledge to build spreadsheets that show how much they could really make, in multiple scenarios, after all possible expenses are removed.

10/27/2008 – 08/14/2009

Financial Analyst

BWCI Guernsey

This role was primarily pensions and investment analysis. It involved a lot of complex excel work using our Bloomberg terminal to download financial data and this was used to produce investment performance reports.

Education

- **Bachelor of Science Math**

University of Glasgow	2000 – 2004	Glasgow, Scotland
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- **Actuarial Science Post-Graduate Diploma**

Glasgow Caledonian University	2007 – 2008	Glasgow, Scotland
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Certifications

- Microsoft Certification Power BI DA-100 2022 Microsoft
- Excel/VBA for Creative Problem Solving 2021 Coursera
- CPCU 540 (Finance) and CPCU 530 (Business Law) 2020 The Institutes
- Current:
 - Snowflake SnowPro
 - DBT
 - Power Automate
 - Power Apps