

# Scott Kwiatkowski

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## Summary:

Professional leader developed by over 20 years of military experience who is enthusiastic about finding insights through data driven curiosity. Over 10 years of experience in gathering, cleaning, and visualizing data to understand for Senior Leadership. This resulted in maximizing taxpayer funds and inform leadership through data-driven policy recommendations. Proficient in technical aspects such as SQL query pulls, cleaning data with Python, and using Tableau/Excel for data visualization. Passionate for collaborative organizations to enhance learning.

### Hard:

- Government Budget/Forecasting/Planning
- Python programming (sklearn/pandas/numpy)
- Basic Machine Learning via Python
- Data Analytics
- Microsoft Excel/Tableau
- SQL Oracle

### Soft:

- Teamwork
- Interpersonal
- Problem-solving
- Communication
- Emotional intelligence
- Self-driven/Initiative-taker

## Professional Experience:

### March 2002 to Present: United States Marine Corps (USMC):

- **December 2016 to Present: Financial Management Specialist/HR/Data Analyst, Manpower & Reserve Affairs**
  - Develop forecast model via Python from historical records for the USMC's Permanent Change of Station (PCS) program's Future Years Defense Plan (FYDP, a 5-year plan). This program is over \$1B across the FYDP. The forecast led to accurate reporting to Congress with no Congressional budget marks since inception.
  - Produce over \$300M in savings from the PCS program over the FYDP, through data analysis, forecast model implementation, and policy recommendations.
  - Design and built monthly level PCS execution KPIs using Python and visualized via Tableau/Excel.
  - Formulate SQL queries for data driven analysis and use data visualization tools such as Tableau/Excel to recommend strategic, financial, and HR guidance to leadership.
- **October 2012 – July 2015: Deputy Comptroller (Budget Office), 1st Marine Division**
  - Led team of 25 people and oversaw the proper execution of an annual \$65M budget with no fraud, waste, or mismanagement for annual audits.
  - Orchestrated relationships with 33 separate Commands to develop, analyze, and report the financial budget to ensure the operational needs of 25,000 Marines are achieved in accordance with fiscal law and efficient use of taxpayer funding.
  - Leveraged exploratory data analysis and descriptive statistics on historical financial execution records to develop internal fiscal policies to ensure fiscal compliance for audits.
  - Built dashboards with excel for measuring and displaying KPIs for leadership to ensure proper execution of taxpayer funding.

## Education:

### University of Virginia – Charlottesville, VA | Master of Science

Business Analytics (MSBA), August 2020

### Naval Postgraduate School – Monterey, CA | Master of Science

Business Administration (MBA), December 2016

### University of Nebraska – Lincoln – Lincoln, NE | Bachelor of Science

Business Administration (BA), August 2011

## Personal Learning Journey:

- **Data Science Professional by Data Science Infinity (Completed):**
  - Key learning: SQL, Python, Statistics, A/B testing, data prep for ML, applied supervised/unsupervised ML, ML model deployment, business focused Data Science, and Deep Learning ANNs/CNNs.
- **The Complete Oracle SQL Bootcamp & SQL Advanced (on-going via Udemy):**
  - Key learning: Fundamentals of SQL, Basics of Oracle RDBMS Architecture, develop codes using Oracle SQL.
- **Introduction to Computer Science and Programming in Python (MIT Open Courseware):**
  - Key learning: Using computation in solving problems, Python basics, use of control statements, loops, and functions.
- **Learning Spanish (on-going since September 2021):**
  - Key learning: Always been passionate about Spanish. Also, it's the second most spoken language in the US. It's a phenomenal way to connect with others, enjoy the culture, and build on communication skills.