

# David B. Elliott

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Portfolio: <https://davidbelliott1.github.io/>

I am a data scientist driven by a love of numbers, what they mean, and what stories they tell. A decade of IT/ERP consulting work equips me to work with teams of all sizes and with individuals at any level within a company. A decade of motorcycle training gives me the ability to distill complex subjects into easily understood concepts.

## Skills

Python: pandas, plotting, statistics, modeling,  
and machine learning  
Supervised and Unsupervised Machine  
Learning  
SQL, SQL\*Plus, Oracle, Sybase, MSSQL  
Unix (AIX, Solaris)  
Project Management with Agile development  
best practices  
Lawson HRIS/Financials

## Industry Verticals and Clients

Healthcare	Inova Health Systems, Virginia Hospital Center, Regence BC/BS
Education	University of Miami School of Medicine, Atlanta Public Schools
Finance	Fifth-Third Bank, Fortress Investment Group
Retail	McDonald's, Forever 21
Consulting	GRCI, Inc.
Government	Knox County, Tennessee

## Projects

ACT/SAT Participation Analysis	Combined disparate data sources to create solutions for increasing test participation rates using python, linear regression
Reddit NLP Identification	Using Naive Bayes and multinomial logistic regression along with NLP to determine origin of posts
Generalized Lahar Flow Damage Estimation	Used shapefiles, python, APIs, and GIS information to determine the real property damage due to volcanic lahar flows
Computer Vision	Used a CNN on CUDA to differentiate motorcycles from other traffic

## Experience

Senior Motorcycle Instructor/Instructor Trainer, PNW Motorcycle Safety August 2010 – Present

- Trained over 20 new instructors to successfully enable their own delivery.
- Successfully trained over 2000 individuals in a high-touch, low-threat environment
- Managed the daily operations of the school including scheduling motorcycle maintenance, courses, and instructors for over 40 trainers.

Senior Technical Lawson HRIS/FA Consultant, SP Consulting January 2006 – July 2010

- Delivered solutions for my clients' RICE/ETL (Report, Interface, Conversions, and Enhancement) challenges across several industry verticals nationwide.
- Supported sales team with necessary technical information and client solutions.
- Provided server and database administration over several OSes and RDBMSes.
- Wrote and delivered training materials to technical, end-user, and management audiences.

## Education

### Degrees and Certifications

- General Assembly, Seattle, Washington, Data Science Immersive Certification
- Ludwig-Maximilians-Universität, München, GER
- Willamette University, BS, German, Math, Salem, OR

### Additional Training

- University of Michigan MOOC Python, Dr. Charles Severance
- Stanford MOOC Machine Learning, Dr. Andrew Ng