Randi Bolt

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Projects

Personal Blog : rbolt.me

Summer 2021 - Present

- Created my personal website and blog with Quarto, Github, and Netlify.
- Researched, wrote, edited, and published consistent content about data science, machine learning, statistics, and mathematics.
- Evaluated various data sets using R and Python by creating data visuals, performing statistical analysis, and using machine learning techniques such as linear regression, and bayes.
- Demonstrated popular data science techniques such as Natural Language Process (NLP), web scraping, and creating a package in R.

Oregon Grown : Dispensary Diversity

Fall 2020 - Spring 2021

- Used spatial references from Oregon Spatial Library, ARLIS, and PCC Geography Department to apply mapping techniques such as select by attribute, spatial join, clip, and XY Table to Point to investigate dispensary diversity in Oregon November 2020.
- Formatted, organized, added classifications, and geocoded a data table of approximately 700 rows of data from the Oregon Liquor Control Commission's active marijuanna retail license.
- Discovered more than half of dispensaries in Oregon are owned by chains, and about 10% of dispensaries in Portland's Urban Growth Boundary are owned by one chain, Groundworks.
- Created an abstract that was accepted for GIS in Action 2021, which was presented virtually April 22, 2021.

Work Experience

Finastra - Product Owner / Software Analyst

June 2022 - November 2022

- Participated in the Agile framework of software development with daily scrums, and bi-weekly JIRA backlog refinement.
- Used KQL to query Azure App. Insights to extrapolate frequency of page views and document usage.
- Collaborated with product and development managers to create data visualizations in Power BI of App. Insights queries.
- Began groundwork for an Application Health Dashboard.

Unified Management Team, LLC - Team Lead

April 2018 - August 2019

- Used Microsoft Excel to create menus, sample feedback logs, and informational handouts.

General Sheet Metal - General Accountant / Accounts Payable / Office Administrator

August 2016 - April 2017

- Provided regular support throughout the 6 main divisions of the company with contracts, change orders, project budgets, company spending, and training new hires.
- Used Sage to process, code, triage, and track over 50 new invoices daily.
- Used Microsoft Excel to process and electronically file tool reports of about 500 rows weekly, reimbursements, packing slips, and time cards of about 40 shop employees.
- Delivered over 100 weekly vendor payments via check, credit card, and direct deposit with extra attention to payment terms, which reduced company costs by between $20 and $3,000 weekly.

Education

Portland State University

Bachelor of Science in Mathematics
June 2022

Portland Community College

Associate of Applied Science
(Credits Earned) December 2020