

Randi Bolt

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Projects

Covid-19 Analysis in R

Summer 2021 - Present

- Uses R packages from the Tidyverse to clean and join daily COVID-19 data from the New York Times with census data from the R package tidycensus to explore and compare trends in cases and death in both the United States and Oregon.
- Found evidence that would emphasize the importance of targeted support to communities that have been disproportionately affected by the pandemic.
- Analysis done in R, project made with Quarto, accessible via Github, and hosted through Netlify.
- Includes tables, and interactive graphs and maps made with R packages gt, plotly, and ggplot2.

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 marijuana 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, bi-weekly JIRA backlog refinement, and wrote user stories for two new SaaS products.
- Began groundwork for an Application Health Dashboard by listening to product owners discuss their products in depth, and then created a list of queryable questions to investigate.
- Used KQL to query Azure App. Insights to extrapolate frequency of page views and document usage. Then collaborated with product and development managers to create data visualizations in Power BI.

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