Jeremy Raby

Oklahoma

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LinkedIn | Portfolio

SQL, Tableau, Data Analytics, Data Visualization, Excel

SKILLS

- Proficient in SQL, Tableau, Data Analytics, Data Visualization, and Excel
- Completed Data Analytics training in SQL from Khan Academy, Tableau Creator from Tableau, and Data Analytics Professional from Google

DATA ANALYTICS & VISUALIZATION PROJECT EXAMPLES

- **What Increases Life Expectancy?** Identified a close, positive relationship between a country's GDP and its citizens' life expectancy using Tableau and data from the 2019 World Happiness Report
- **Deep Dive into Restaurant Inspections: Analyzing Food Safety Trends in King County, WA** Analyzed restaurant inspection data for King County, Washington using SQL queries, resulting in valuable insights on food safety trends, critical violations, and training topics
- **COVID-19 Vaccination Rates Dashboard** Quantified COVID-19 vaccination rates over time, by country, and by income group; published a Tableau dashboard to visualize results.

WORK EXPERIENCE

Locally — *Product Content Specialist*, Jun 2023 - Present

- Clean and normalize large datasets containing over 100,000 rows using Excel and Python, ensuring accurate and efficient database uploads
- Enhance SEO by categorizing products systematically, improving product discoverability and search engine rankings
- Automated data integration processes for Fortune 500 clients by developing and implementing Python scripts, reducing manual work and improving data accuracy

Oklahoma State Department of Health — *Public Health Specialist*, Jun 2017 - Aug 2022

- Effectively communicated scientific principles or state statutes to non-technical audiences, utilizing strong verbal and written communication skills to ensure comprehension among diverse groups with varying educational backgrounds
- Analyzed food safety practices and made timely recommendations for improvement for more than 300 local businesses, reducing priority violations by 15%
- Proactively created a database of contact information with detailed parameters including business names and locations, increasing efficiency & accuracy of communication for 7 county health departments by 65%
- Researched regulations and worked with leadership to update the Oklahoma food code to prevent businesses from being unnecessarily closed
- Orchestrated planning & execution of 25 pop-up vaccination clinics, providing Covid-19 vaccinations to 600 patients daily

Blackwell Middle School — *Science Teacher*, Aug 2015 - May 2016

- Analyzed areas where students were struggling and implemented strategies to improve student outcomes
- Collaborated with colleagues and administration to improve curriculum and instructional practices, resulting in improved student achievement and engagement

Western Heights High School— *Biology Teacher*, Aug 2011 - May 2015

- Developed assessment tools and rubrics that aligned with learning objectives and provided meaningful feedback to students
- Strategically analyzed state-mandated test topics and related questions to increase the first-time pass rate by 10%

EDUCATION

Oklahoma State University — Bachelor of Science, Agricultural Education, 2010