

# RYAN GOLDSBERRY

Denver, CO

Phone: (903) 245-4030 | Email: [ryan.goldsberry71776@gmail.com](mailto:ryan.goldsberry71776@gmail.com)

LinkedIn: [www.linkedin.com/in/ryan-goldsberry](https://www.linkedin.com/in/ryan-goldsberry)

GitHub: [www.github.com/rgoldsberry](https://www.github.com/rgoldsberry)

Portfolio: [rgoldsberry.github.io/portfolio](https://rgoldsberry.github.io/portfolio)

## Summary

Senior analyst with 8 years experience in an oil and gas consulting firm. Day-to-day work includes database maintenance, generating displays for presentations, and coordinating with clients to determine the best deliverables for their needs. Adept at working multiple projects at once and collaborating with other teams to determine project priorities. Looking to leverage technical skills gained working with GIS data and large databases in an oil and gas context into a more general data engineering role.

## Technical Skills

**Software Proficiencies:** ESRI ArcGIS, IHS Markit Petra, Microsoft Office/VBA, Petrosys, Schlumberger Petrel, Tableau, TIBCO Spotfire

**Coding Languages:** JavaScript, Python, R, SQL

## Experience

### Senior Analyst

2014–Present

Netherland, Sewell & Associates, Inc.

Dallas, TX

- Works in a technical support role on a team with three geologists and three other analysts.
- Coordinates with clients and multiple teams to ensure projects are finished on time and the correct deliverables are prepared.
- Maintains three separate basin-wide databases built up over the last five years from varying sources of public, client-provided, and internal data. Maintenance includes gathering new data and standardizing old entries.
- Builds maps with data from multiple sources, integrating API calls, client-provided shapefiles, and hand-drawn data into one display.
- Documents new processes to assist in solving similar problems in the future.
- Prepares comprehensive reports and presentations of project results, in the form of static PowerPoint presentations or dynamic dashboards.
- Ran two summer training sessions for analysts in different parts of the firm to familiarize them with what geology teams can do for them.
- Assisted in developing a statistical mapping program that utilizes all publicly available data for basin-wide and acreage-specific analyses.
- Mentored new analyst in 2022 on team processes and day-to-day operations.
- Promoted to senior analyst in 2017.

## Projects

### **Credit Risk Analysis** | [github.com/rgoldsberry/credit-risk-analysis](https://github.com/rgoldsberry/credit-risk-analysis)

Built a machine learning model to try and predict if a specific loan may default.

- **Role:** Sole author
- **Tools:** Scikit-Learn used for machine learning, Python/Pandas used for data management

### **Pokémon Types Matchup App** | [poke-typesmatchup.herokuapp.com/](https://poke-typesmatchup.herokuapp.com/)

Built a website to tell you what moves to hit specific Pokémon with, for practice with tools.

- **Role:** Sole Author
- **Tools:** Python used for calling data from APIs, Flask used for developing app, SQLite used for storing information, Heroku used to deploy the app

### **Bacteria Biodiversity** | [rgoldsberry.github.io/bacteria-biodiversity/](https://rgoldsberry.github.io/bacteria-biodiversity/)

Built a dashboard to display data using JavaScript and HTML.

- **Role:** Sole author
- **Tools:** D3 used to access JSON file of the data, Plotly used to display results for each participant, Javascript used to populate web page features

## Education

***Data Analysis Bootcamp Certificate (Jun 2022-Present):*** University of Denver, Denver, CO  
A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

***B.S. Mathematics, with Actuarial Sciences Certificate (Aug 2010 - May 2014):***

University of North Texas, Denton, TX