

(469) 442-6888 | **Charles Pratt** | charlesaprattiii@gmail.com

[GH](#) | [LinkedIn](#) | [Portfolio](#)

A former Sales, Account, and Client Relationship Manager with newly acquired skills in Data Analytics and Visualization. Seeking to leverage previous professional experience combined with an in-depth knowledge of database types and big data methodologies towards a new career as a Data Analysis and/or Business Intelligence.

### CORE COMPETENCIES

- Data Analysis and Visualization
- Business Intelligence
- Data Mining, Wrangling, and Cleaning
- Database Management and Querying
- Machine Learning
- Predictive Modeling and Forecasting
- Business Development
- Client Relationship Management
- Communication and Presentation
- Teamwork and Collaboration
- Leadership
- Responsibility, Trustworthiness, Ethics

### TECHNICAL SKILLS and LANGUAGES

Python | R | Jupyter | Tableau | Numpy | Pandas | Matplotlib | API's | MySQL | Mongo DB | SQLAlchemy | SQLite | HTML | CSS | Bootstrap | Javascript | D3 | Leaflet | Seaborn | Plotly | Scikit-Learn | MRJob | Spark | Neural Networks | Heroku | Flask | Git

### EDUCATION

**University of Kansas**, *Graduate Certificate Data Analytics and Visualization*

**University of Texas at Dallas**, *BS Biology and Business Administration*

### PROJECTS

[Distinguishing Sentiments – News Mood](#) | Role: Sole Developer | [GH](#)

**Description:** In today's sociopolitical climate, news and media coverage has come under heavy scrutiny especially with regards to bias and sensationalism. The purpose of this project was to perform a sentiment analysis of twitter activity from various news outlets and visualize the findings.

**Languages and Tools:** *Tweepy, Pandas, API Calls, Matplotlib, Seaborn, TextBlob, and VADER*

[In "Vinho Verde" Veritas](#) | Role: Algorithm Optimization | [GH](#)

**Description:** Until now, wine connoisseurs have had to rely almost exclusively on sensory characteristics to evaluate the quality of wines. Our group used Machine Learning to make similar predictions based on the wines' physio-chemical properties.

**Languages and Tools:** *Python, Numpy, Pandas, Matplotlib, Seaborn, and Scikit-Learn*

[Visualize Earthquake and Tectonic Data with Leaflet](#) | Role: Sole Developer | [GH](#)

**Description:** The aim of this project was to collect massive amounts of geological data, weekly, from all over the world, and visualize the relationship between seismic activity and tectonic boundaries in a meaningful way.

**Languages and Tools:** *Leaflet, Javascript, D3, Bootstrap, HTML, CSS, and GEOJson*

[Javascript API's, Flask, and Biodiversity Analysis](#) | Role: Sole Developer | [GH](#)

"The coolest study of biodiversity on the human body on the planet!" – Robb Dunn Lab. The goal of this project was to build an interactive dashboard that would simplify, consolidate, and visualize the dataset for further exploration and insights.

**Languages and Tools:** *Flask, API Calls, HTML, JavaScript, SQLite, SQLAlchemy, Bootstrap, Plotly*

### Business Intelligence and Client Relationship Management Experience

**Automatic Data Processing (ADP), Major Accounts**

- Integrated Client Relationship Management Systems, databases, and mapping programs to prepare sales plans and execute sales strategies within an assigned territory.
- Performed process reviews and in-depth analysis of payroll and HR methodologies.

**XTRA Lease, Branch Manager**

- Oversaw responsibility for branch performance: Managed inventory, P&L, billing, reporting, forecasting, and personnel.
- Coordinated logistics with internal/external stakeholders and asset management systems to optimize fleet utilization.
- Conducted business reviews. Created and presented cost-benefit analyses and value propositions.

**All Star Oxygen and Medical Equipment, Marketing Representative**

- Created, organized, and maintained a Client Database in Excel and Microsoft Access with publicly available government data and other industry related sources.