

# ADRIANA KOPF

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## SUMMARY

Multidisciplinary, driven Data Analyst with a passion for condensing large data into a simple to understand story using the best tools available. Adept at working independently and collaborating with teams across multiple functions to take information from a wide variety of sources and effectively break down concepts in layman terms to diverse audiences.

## TECHNICAL SKILLS

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

**Tools:** Jupyter Notebook, Microsoft Visual Studio Code, HTML, CSS, Bootstrap, Tableau, Microsoft Excel, Microsoft PowerPoint

**Databases:** MySQL, MongoDB

**Libraries:** Pandas, Matplotlib, Plotly, Numpy, D3.js, Leaflet.js, Beautiful Soup

## SOFT SKILLS

Problem Solving, Decision Making, Planning, Customer Relationship, Communication, Self-awareness, Leadership, Teamwork, Self-Motivation, Ability to Work Under Pressure, Time Management

## PROJECTS

**What contributes to Graduation Rates in some NJ public schools?** | GitHub:

[https://github.com/adrianakopf/NJ\\_Public\\_Schools](https://github.com/adrianakopf/NJ_Public_Schools)

- This project considered population, income, demographics, graduation rate, poverty rate, and salaries in the five random cities selected across New Jersey: Summit, Princeton, Hoboken, Clifton and Bridgeton. The highest contributor to low graduation rates was dropout rate
- Team worked together to find reliable data source, clean, and create graphics
- Python, Jupyter Notebook, Pandas, Matplotlib, Numpy

**Global Earthquakes** | GitHub: <https://github.com/adrianakopf/EarthquakesGeoMapping>

- Interactive map which shows the location of earthquakes occurring globally using a live API feed provided by the USGS
- Individually accessed the data using API and created the interactive webpage
- JavaScript, D3, Leaflet, CSS, HTML, Data Visualization

**Web Visualization Dashboard** | GitHub: <https://github.com/adrianakopf/WebVisualizationDashboard>

- Create a website to deploy data analysis findings
- Individually created the website
- Bootstrap, CSS, HTML, Data Visualization

**Citi Bike** | GitHub: <https://github.com/adrianakopf/CitiBike>

- Data analysis of the NYC Citi Bike program
- Individually gathered the data source, cleaned, analyzed and created visualizations
- Microsoft Excel, Tableau, Data Analyze, Data Visualization

## EXPERIENCE

### **Sales Associate**

01/2018 – Current

### **Coldwell Banker Residential Brokerage**

Caldwell, NJ

Prepares market analysis and presentations for Buyers and Sellers. Promotes sales through advertising. Establishes positive flow of communication between agents, clients, attorneys, and all personnel involved in closing transactions. Negotiates contracts with agents representing buyers and sellers.

#### *Key Accomplishment:*

- Contributes to produce over 4 million dollars in sales annually.

### **Event Team Leader**

01/2012 – May/2018

### **Encore Catering New Jersey**

East Hanover, NJ

Successfully ensured customer experience on events with over 100 guests. Ensured all buffets were set in accordance to design and functionality. Managed and delegated tasks to banquet staff. Coordinated people to generate a productive environment. Provided training to party set up, servers, and buffet attendants.

#### *Key Accomplishment:*

- Helped increase the accuracy of buffet design and buffet functionality.

## EDUCATION

### **Data Science Certificate:** Rutgers University, New Brunswick, NJ, USA

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.

### **Business Associate:** Union County College, Cranford, NJ, USA

**Computer Information Systems:** Educational Foundation of Higher Education of the Municipality of Assis, Assis, SP, Brazil

## LANGUAGES

English, Spanish, Portuguese