# D. BRYAN CHICK

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## SUMMARY

Data Analyst with excellent technical skills and a background in education, training, and development. Hard working, fast learner who is detail oriented. Great communicator who excels at both working as a team and taking leadership roles to facilitate or guide projects. Completed Boot Camp in Data Analytics from the University of Denver, May 2019.

## TECHNICAL SKILLS

**Data Analytics:** Python 3, NumPy, Pandas, Matplotlib, BeautifulSoup, Plotly, JavaScript, D3.js, Geomapping with Leaflet.js, Plotly.js, Flask, HTML, CSS, Bootstrap, MySQL, Talend, Tableau, Snowflake, MongoDB, Modeling & Forecasting, Dashboarding, Social Media Mining, Excel, Pivot Tables, VBA Scripting, API Interactions, Big Data Analytics with Hadoop, ETL, Machine Learning,
**Operating Systems:** Windows, macOS, Linux,
**Other Software and Skills:** Google Colab, Java beginner, Vim beginner, Google Docs, Office365 Exchange, Git Bash, Visual Studio Code, Jupyter Notebook, NetBeans, IntelliJ IDEA, CRM Platforms, Performance Management, Regulation Research, Adobe Lightroom, Team Management, Schoology, Public Speaking, Project Management,

## PROJECTS

**Terrorism Trends |** github link https://github.com/bryanchick/terrorismTrends | weblink https://bryanchick.github.io/static/terrorT
- Data on the rise of national political parties in Europe was cross referenced with data on the occurrence of terrorism in Europe to see if there was a correlation between the two.
- Co-Coded the python, and research terrorism counts for country by using international terrorism guidelines. Used NYTimes and BBC API to search count of terrorism activities/trends in Europe by keyword. Analyzed vote outcomes by country to determine the percent increase of the populist party.
- Python, API, Jupyter Notebook, PowerPoint

**Beatport Webscraping** | github link https://github.com/bryanchick/Project2 |
- The EDM top 100 chart was web-scraped from beatport.com and the data was visualized using line graphs.
- Wrote the HTML, CSS, Co-Coded python, Flask, and Javascript
- Python with BeautifulSoup, HTML, CSS, Flask, Plotly.js, Jupyter Notebook, Visual Studio Code, Power Point

**Senator Tweets** | github link https://github.com/bryanchick/project3 | weblink https://bryanchick.github.io/static/senatorTweet
- Over 290,000 tweets from US senators were grabbed from Twitter to find the rate of positive, negative and neutral tweets (using machine learning). The machine learning program also predicted which political party the senator belonged to based on the tweet.

- Co-Coded python for API, visualization using Tableau
- Python, Tableau, Jupyter Notebook

## EXPERIENCE

**Social Studies Teacher, Cherry Creek Schools Greenwood Village CO  2013 - 2019**

Taught 6th and 7th grade Social Studies. Daily tasks included: data entry, inventory, lesson planning, public speaking, data visualisation, critical thinking, communication with parents, supervisors, and coworkers. Held leadership positions and maintained an excellent rating in evaluations.

**Team Leader, Kelly Services for CTB McGraw/Hill, Aurora CO  2012 - 2012**

Managed and monitored a team of contractors ensuring correct grading of California's standardized test.

**Substitute Teacher, Cherry Creek Schools Greenwood Village CO  2009 - 2013**

Worked in a variety of settings teaching a variety of different classes using materials prepared by another teacher. Also held multiple long term positions where all curriculum, grading, and teacher duties were completed without assistance.

## EDUCATION

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

**Bachelor of Arts, Classics: University of Colorado**, Boulder, CO.

**Teaching Certificate, Secondary Social Studies: Metropolitan State University**, Denver, CO.

References and DD 214 available upon request.