

Cedric Lary

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PROFESSIONAL SUMMARY

Certified data analyst passionate about helping companies better understand, analyze, and communicate their data. Looking for a position that utilizes analytics, visualization, and compelling data storytelling to improve business insights and decision-making.

CERTIFICATION

DataCamp: *Professional Data Analyst Certification*

Oct 2022 (Expires 2024)

EDUCATION

Swarthmore College, Swarthmore, PA

Sept 2017 - May 2019

Bachelor of Arts in Biology and Education

SKILLS

Programming Languages: R, SQL (PostgreSQL), Python, HTML, CSS, JavaScript (D3.js)

Technical Tools: Tableau, Excel, Google Sheets, GitHub, Jupyter Notebooks, R Markdown

Statistical and Technical Skills: Regression, ANOVA, Sentiment Analysis, Data Cleaning, Data Visualization

RELEVANT EXPERIENCE

Story Planet, Toronto, ON

May 2022 - Present

Non-profit focused on providing underserved communities with creative writing workshops.

Story Data Analyst

- Developed the company's relational database, which included data on over 1000 students, 600 stories, and 40 workshops, to facilitate trend analysis and identify opportunities for improvement in future workshops.
- Ensured data quality and accuracy by using R, Python, and Google Sheets to extract, transform, and store data from both internal workshop records and web-scraped records from the Toronto District School Board.
- Compiled survey responses from 2017 to 2022 to showcase novel KPI performance differences across creative writing workshops and presented concise and actionable ad hoc reports to the executive director.
- Utilized text analysis in R to extract insights from survey responses, providing support for project operations.

Swarthmore College, Pembroke, VA

Jun - Aug 2018

Research Assistant

- Collaborated with a team of researchers to survey 300 forked fungus beetles across 10 field sites and accurately updated beetle database entries.
- Investigated how movement affected forked fungus beetle behavior using a general linear model in R and communicated findings to faculty and students during the Sigma Xi honors research poster session.

Watershed Institute, Pennington, NJ

Jun - Aug 2017

Delaware River Watershed Fellow

- Set a precedent for stream monitoring by using Excel and environmental assessments to showcase the impact of weather patterns and changing land use on water quality across 9 Jacob's Creek sites.
- Presented project trends and insights to faculty, students, and the general public to support advocacy and education efforts geared toward protecting local waterways.

PROJECTS

[Everything College Dashboard](#) | *Shiny, Highcharter, Leaflet, Plotly*

- A dashboard that allows users to compare college KPIs over time for 6000+ institutions.

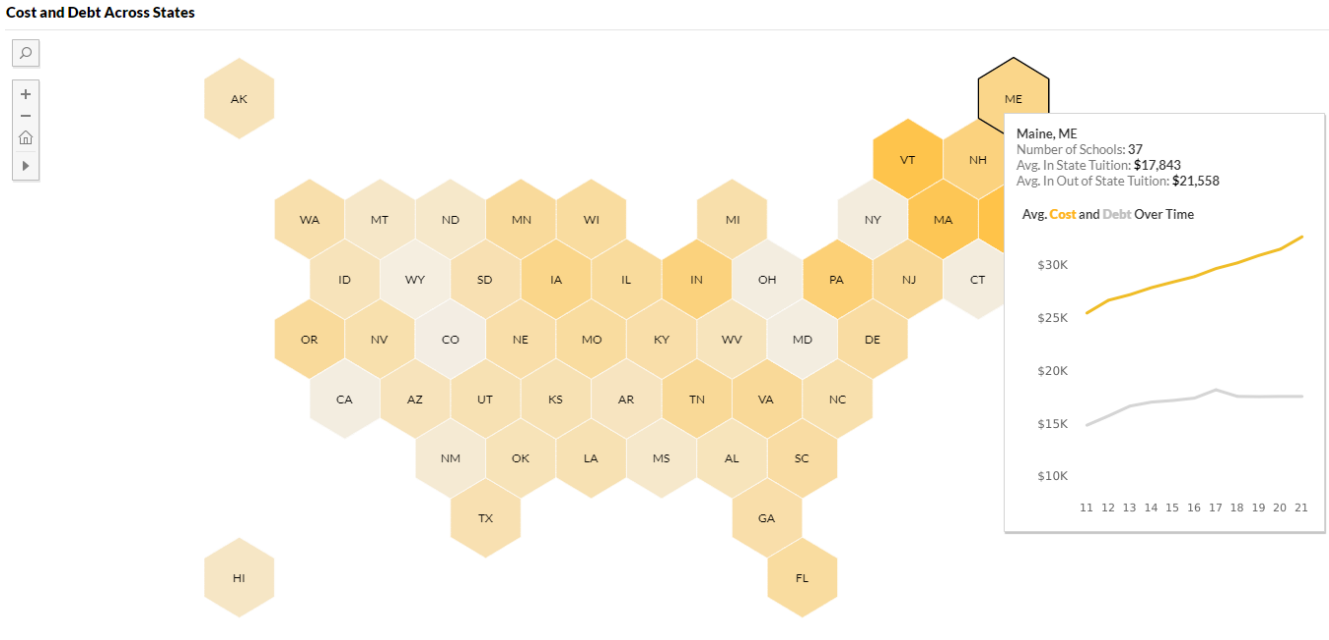
[Chess Web Scraping Series](#) | *Jupyter Notebooks, Beautiful Soup, Scrapy, Pandas, Tidyverse*

- Extracted, cleaned, and visualized 150+ MB of chess player data from open-source databases and websites.

[Investigating California High School Closures](#) | *SQL, Pandas, Leaflet*

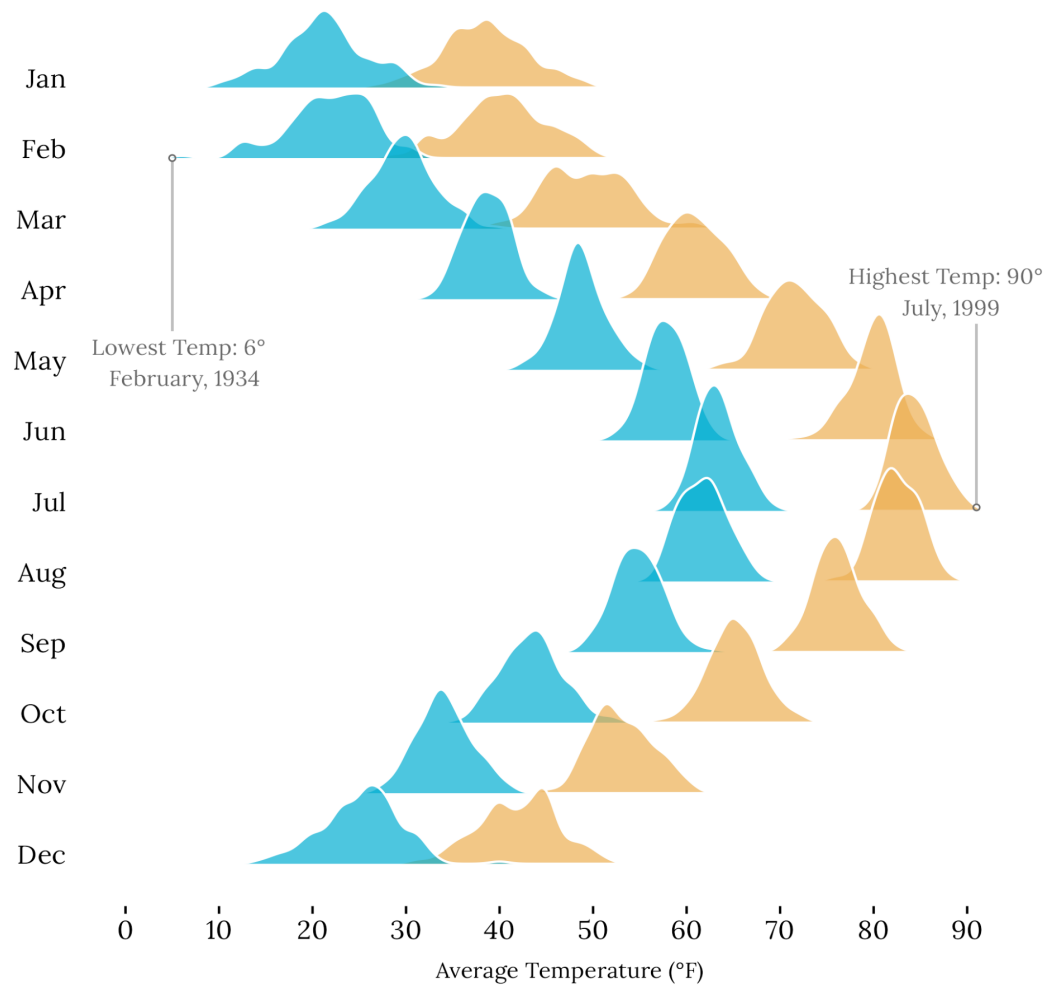
- Exploratory analysis that identifies key factors that are associated with California high school closures.

DATA VISUALIZATION SAMPLES



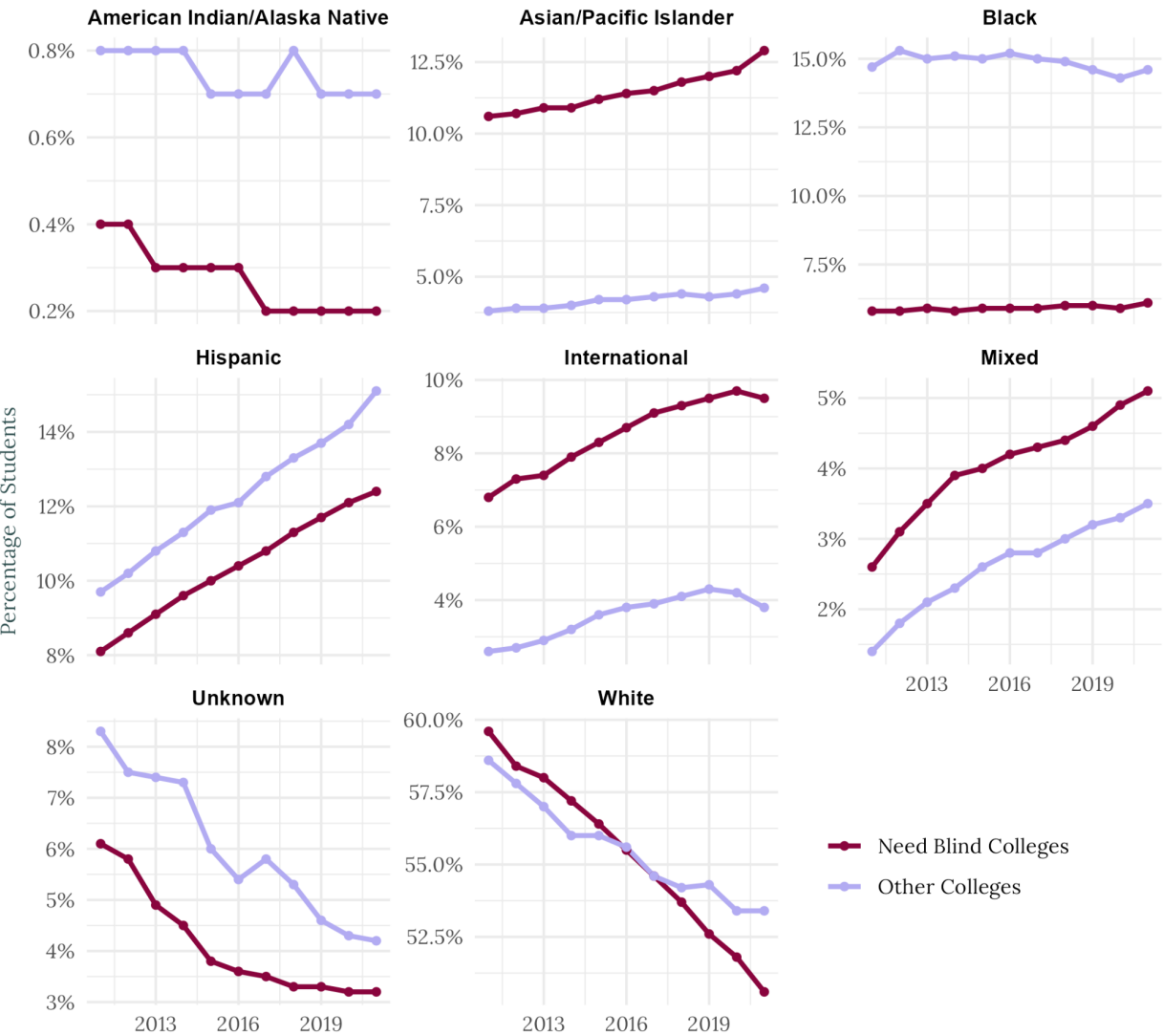
NJ Monthly Average Low and Average High Temperatures For Each Year From 1895-2022

Warmer months have more narrow distributions and less overlap between their min & max temperatures.



Who Do We See Attending Need Blind Colleges

2011-2021 Demographic Breakdown of College Students



Visualization: Cedric Lary | US Department of Education College Scorecard

Rating Percentiles Reveal Super Grandmaster Time Control Specialties

Players' Relative Average Rating Percentiles Were Calculated for Each Time Control Using Monthly 2018-2021 Data



Visualization: Cedric Lary | Data: fide.com