

# Cedric Lary

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## PROFESSIONAL SUMMARY

Certified data analyst passionate about helping companies better understand, analyze, and communicate their data. Looking for 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*

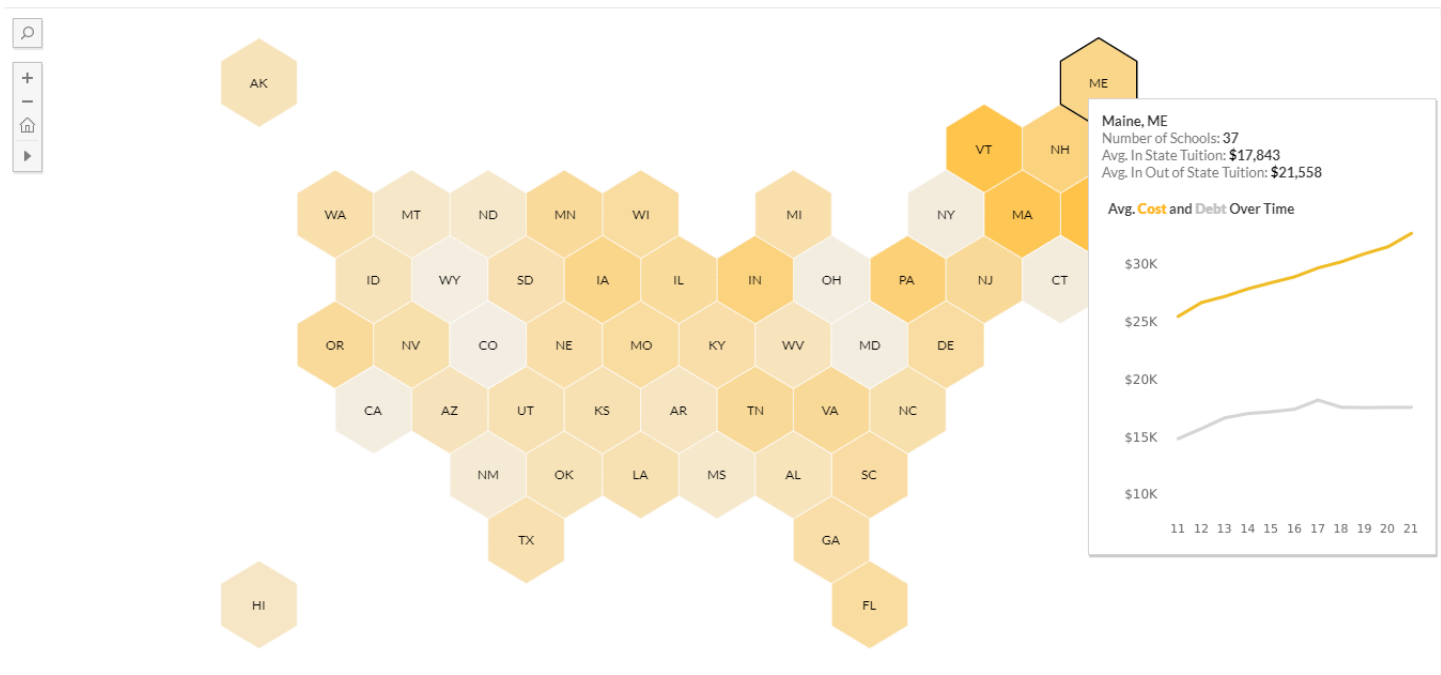
- Extracted, cleaned, and visualized 150+ MB of chess player data from open-source databases and websites.

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

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

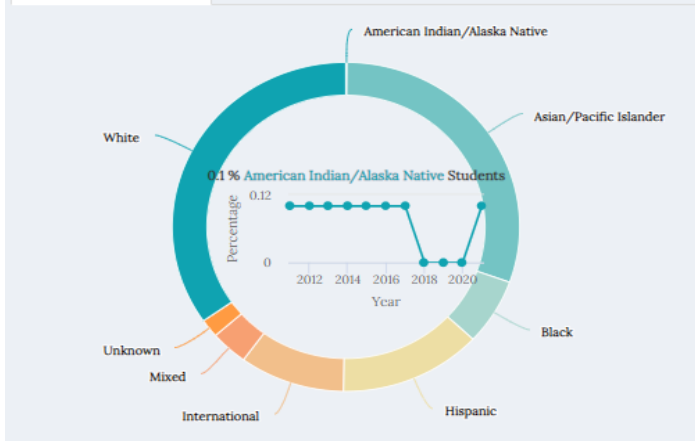
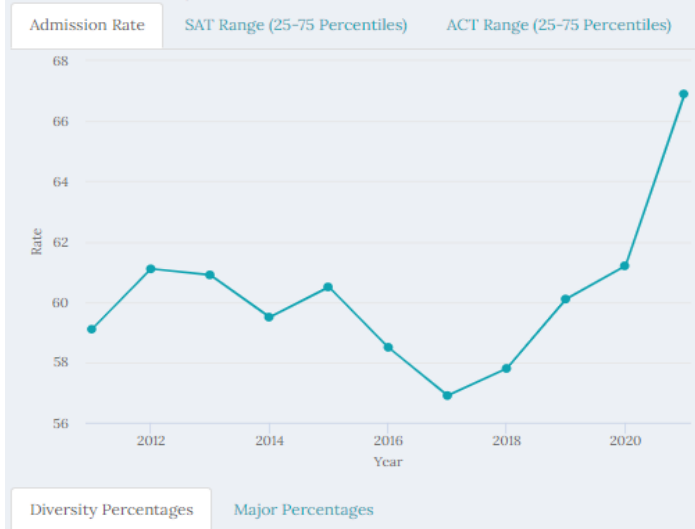
DATA VISUALIZATION SAMPLES

Cost and Debt Across States



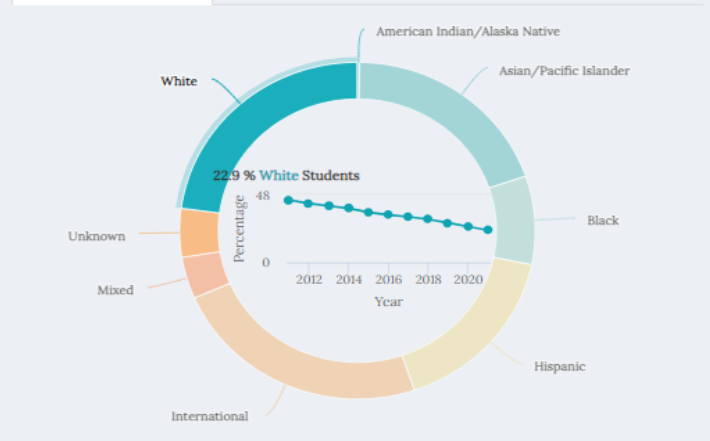
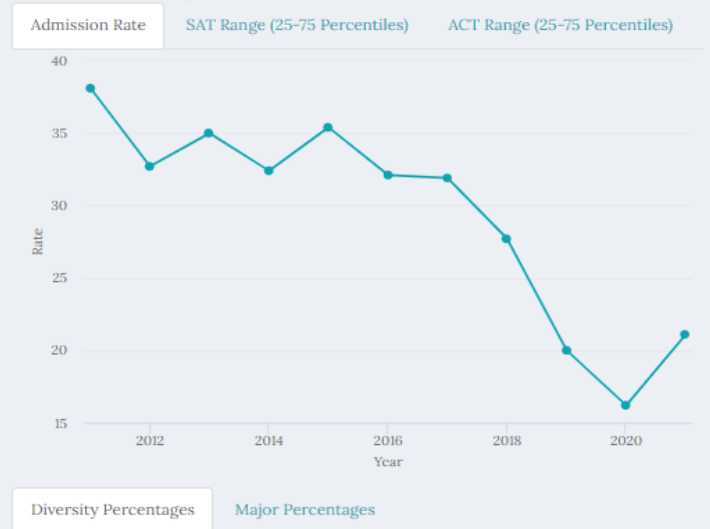
Rutgers University-New Brunswick

[Click Here to See College Website](#)



New York University

[Click Here to See College Website](#)



# Rating Percentiles Reveal Super Grandmaster Specialties

Super GM Average Rating Percentiles Calculated Using Monthly 2018-2021 Data



Visualization: Cedric Lary | Data: fide.com

# Who Do We See Attending Need Blind Colleges

2011-2021 Demographic Breakdown of College Students



Visualization: Cedric Lary | US Department of Education College Scorecard