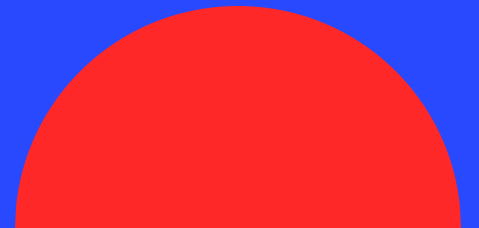
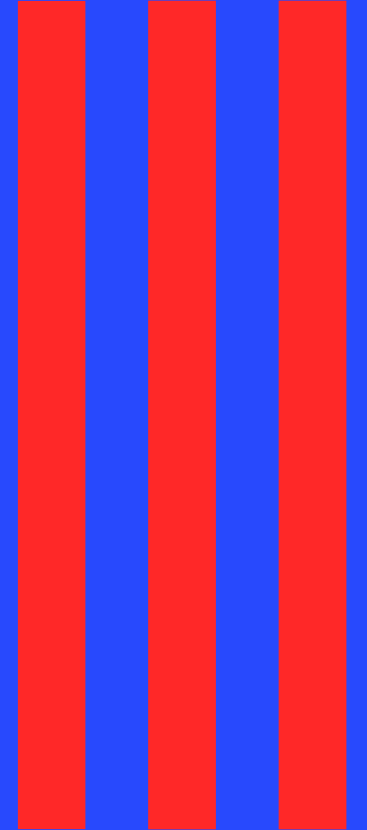


Analyzing High School Education in New York City



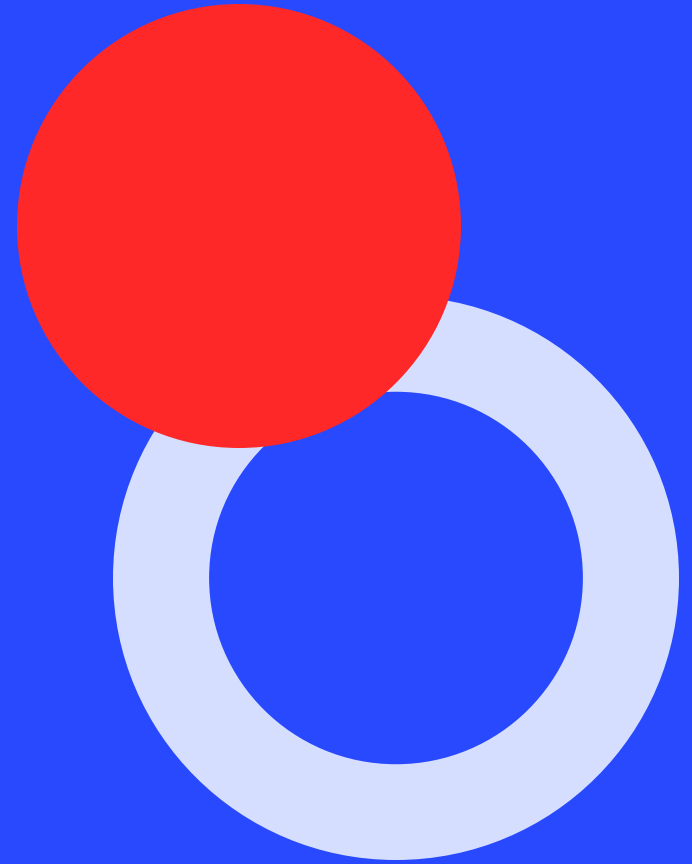
Project Overview

The project aims to analyze various datasets related to high school education in New York City to understand factors influencing student outcomes.



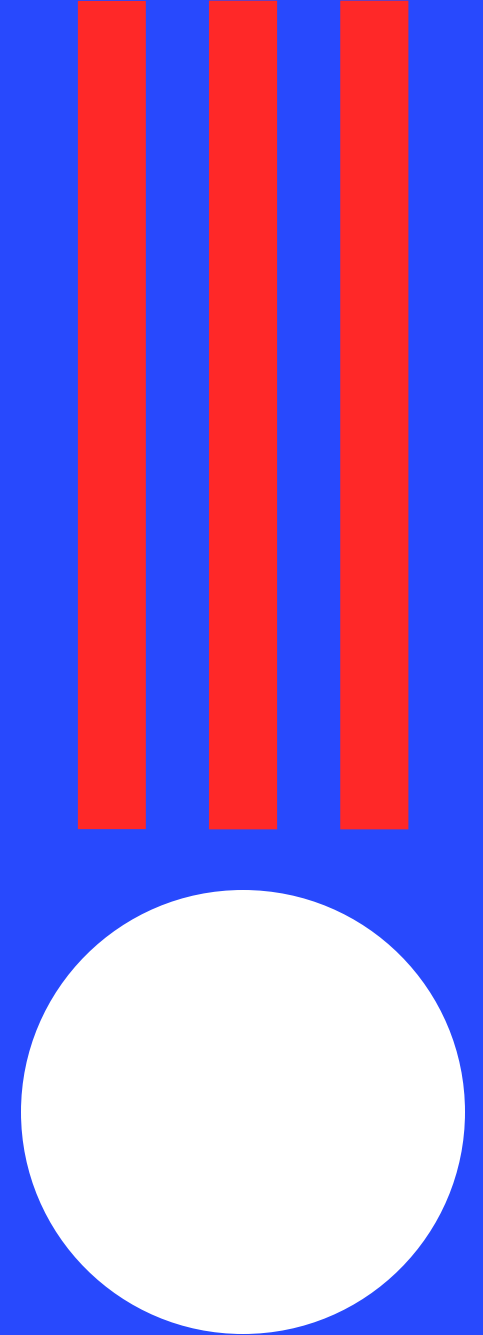
Data Collection:

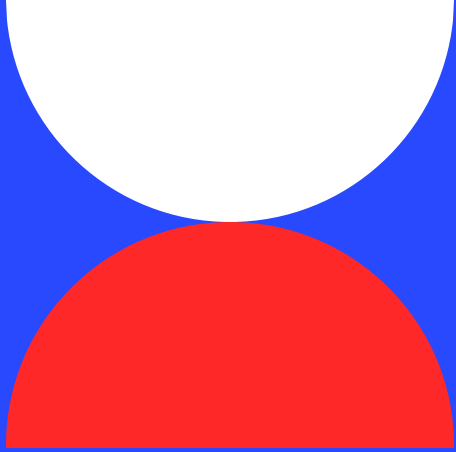
- Gathered diverse datasets, including:
- SAT scores
- Demographics
- Surveys
- Class sizes
- Graduation rates



Data Cleaning and Preparation:

- Cleaned and prepared data to ensure accuracy and consistency for analysis.
- Tasks included:
 - Renaming columns
 - Handling missing values
 - Merging datasets





Data Analysis

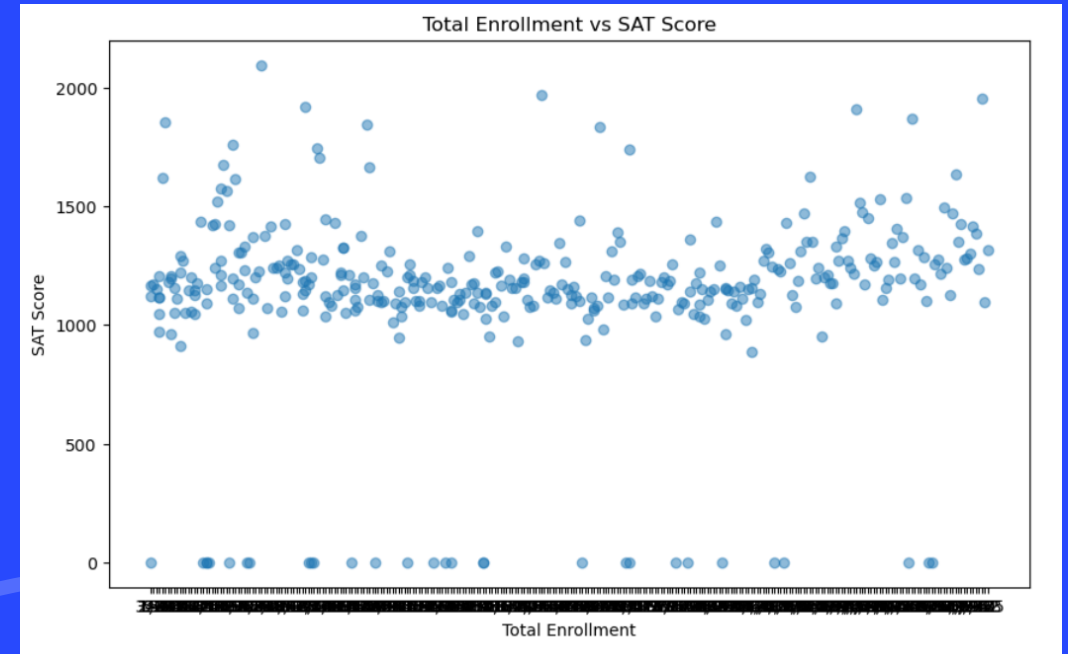
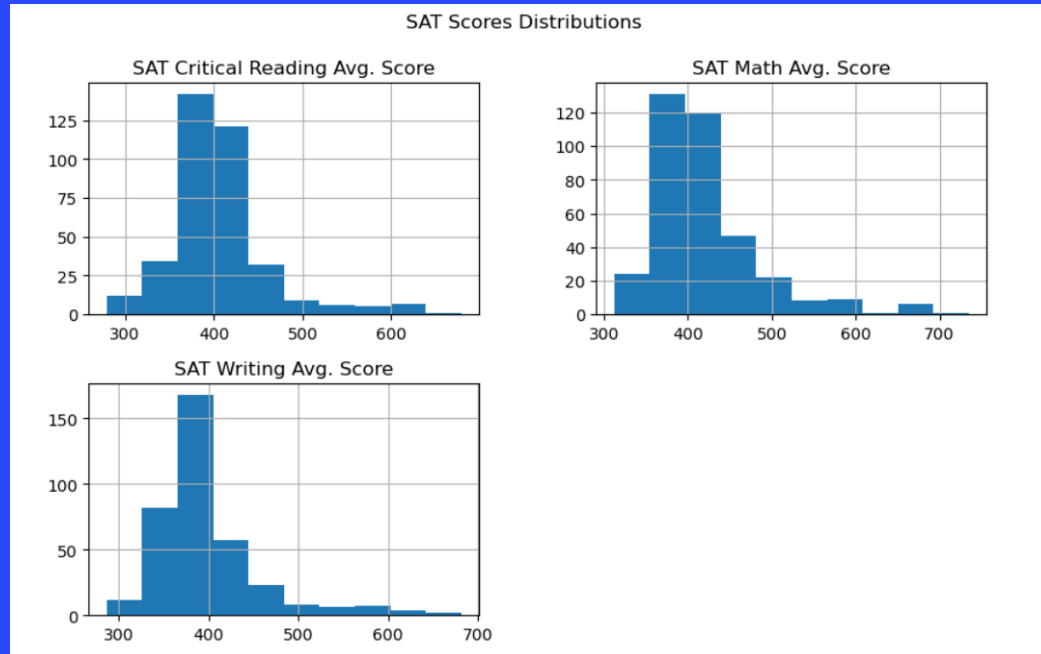
- Conducted detailed analyses to uncover trends, patterns, and insights.
- Explored relationships between various factors and student outcomes.

Visualizations

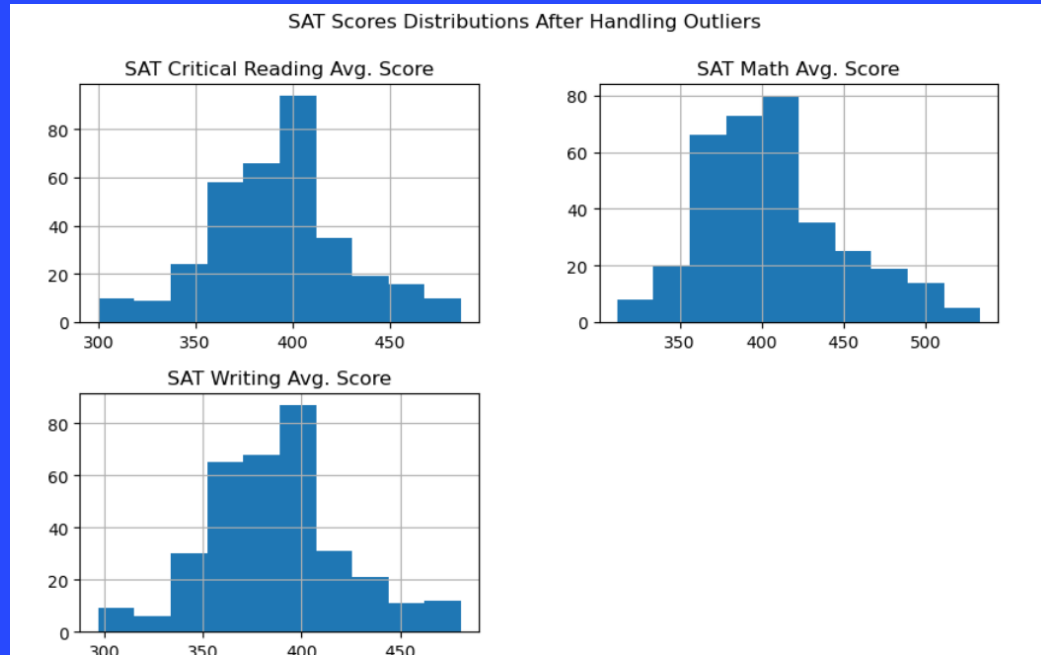
- Created visualizations to facilitate understanding and interpretation of the data.
- Examples include:
 - Scatter plots
 - Histograms



Visualizations

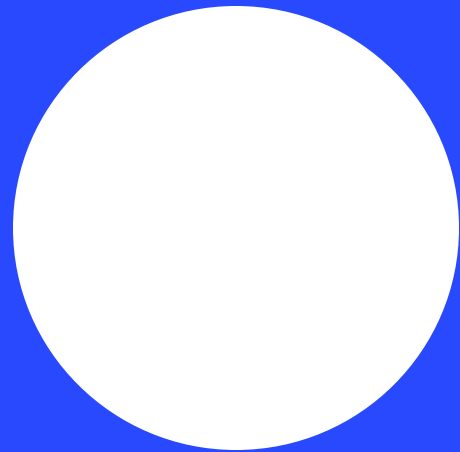


Outlier Identification:



- Identified and addressed outliers, particularly in SAT scores.
- Ensured accurate analysis results.

Interpreting Results:



1. Yielded insights into factors contributing to high school education outcomes.
2. Identified schools with the highest and lowest performance.

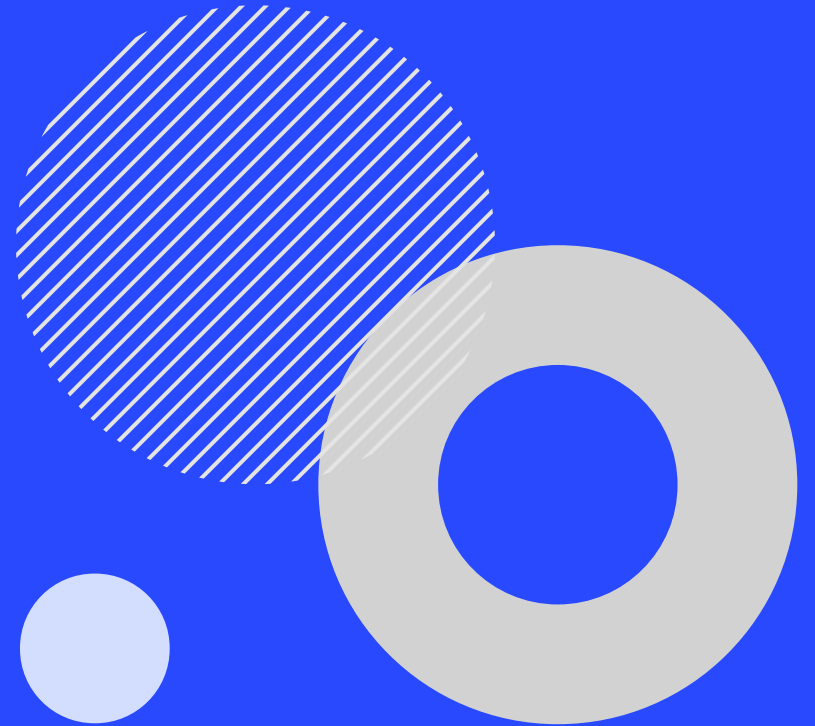
Conclusion and Next Steps:

This project helped us find out which schools had the highest SAT scores and why some schools had lower scores. We also learned about the unusual data points, which helped us understand the data better.



More projects

- Creating machine learning models for predictive analysis and analyzing their accuracy
- Bulk image downloading from hyperlinks
- Bulk image watermark removal





Thank you

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