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COLLEGE AND CAREER READINESS IN CHARLOTTE, NC: AN
ANALYSIS ON ACADEMIC PERFORMANCE, CAREER READINESS,
AND UPWARD MOBILITY.

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DTSC 4301

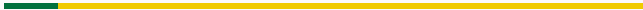
School of Data Science

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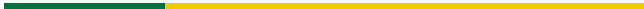
OVERVIEW



- chetty
- LOO
- Will fill this out when draft is done

WILL THE RECOMMENDATIONS MADE FROM THE TASK FORCE SHOW A POSITIVE EFFECT ON MINORITY CHILDREN, AND CHILDREN FROM LOW ECONOMIC STATUSES IN EDUCATIONAL PERFORMANCE, COLLEGE READINESS, OR CAREER READINESS?

HYPOTHESES



HYPOTHESES

Hypothesis 1

As the number and quality of mentors increase, there will be an increase in academic performance and college acceptance rates for low-socioeconomic students.

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As the number and quality of mentors increase, there will be an increase in academic performance and college acceptance rates for low-socioeconomic students.

Variables

- ▶ AP Participation Rate
- ▶ AP Passing Rate
- ▶ College Enrollment Rate
- ▶ Total Guidance Counselors in Charlotte-Mecklenburg Schools
- ▶ Quality of Mentor Bias Training

Hypothesis 2

As the quality of mentors and counselors increase, there will be an increase in obtained CTE Credentials by students within Charlotte Mecklenburg County Schools.

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Variables

- ▶ Career and Technical Education Enrollment
- ▶ Career and Technical Education Credentials
- ▶ Total Guidance Counselors in Charlotte-Mecklenburg Schools
- ▶ Quality of Mentor Bias Training

DATA SOURCES

Sources

- ▶ North Carolina Department of Public Instruction
 - North Carolina School Report Cards
 - North Carolina Public Schools Statistical Profile
 - The Educational Directory and Demographical Information Exchange (EDDIE)
- ▶ The National Center for Education Statistics
 - Education Demographics and Geographic Estimates on School Neighborhood Poverty
- ▶ Charlotte Open Data Portal
 - 2019 Median Household Income by school Zip Code

VARIABLE INFORMATION



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ANALYSIS AND VALIDATION

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QUESTIONS?