SAT SCORES AND INCOME CORRELATION DATASET

About

Description: This dataset explores the relationship between family income levels and SAT scores among US high school students.

Source: Compiled from national samples, including data from the College Board and income data from the US Census.

Last Updated: 20 feb 2024

Source: https://www.irs.gov/statistics/soi-tax-stats-individual-income-tax-statistics-2020-zip-code-data-soi

https://catalog.data.gov/dataset/collegereadiness-2017-2018-byzip-20181107-501d2

Usage

For academic research on the impact of socio-economic status on educational outcomes.

Applying correlation between SAT score and the income of Michigan.

Human Rights Considerations

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Reflecting on the 8 human rights principles:

Privacy: Ensured through anonymization of data.

Accountability: Dataset creators and users are encouraged to report findings responsibly.

Safety and Security: Data handling protocols in place to prevent unauthorized access.

Transparency and Explainability: Documentation provided for data collection and processing methods.

Fairness and Non-discrimination: Efforts made to include diverse income levels.

Human Control of Technology: Users are advised to critically assess the dataset and not solely rely on automated analyses.

Professional Responsibility: Researchers are encouraged to consider the socio-economic implications of their findings.

Promotion of Human Values: Aimed at fostering discussions on educational equity.

DATA NUTRITION FACTS

ALERT COUNT	2

AMOUNT PER PORTION

COMPLETENESS	2

Provenance: 0

   Misrepresentation: 0

Collection:

   Socioeconomic Bias: 1

   Inaccurate Prediction: 1

Description: 0

Composition: 0

   Racial Bias: 0

Ingredients

Variables: Income (categorized), SAT Math Scores, SAT Evidence-Based Reading and Writing (ERW) Scores, Total SAT Scores

Sample Size: 1174 rows

Demographic Representation: Includes data across various income levels and diffrent zip code to analyze disparities in SAT performance.