Evaluation & Data Analysis for the Public Sector

Capability Statement | Data Analysis and Statistical Solutions LLC

Evaluation, statistical analysis, and measurement for school districts, state education agencies, and courts.

DASS turns complex data into usable evidence for program oversight, planning, and reporting. Practical problem-solving connects decision-makers' questions with feasible methods, documented analysis, and clear findings.

CORE CAPABILITIES

Program evaluation: Study design, outcome measures, analysis plans, and reporting.
Statistical analysis: Longitudinal, multilevel, and survey analysis.
Assessment and measurement: Achievement data, instrument validation, and survey shortening.
GIS and data preparation: Geographic analysis, authorized court-record collection, cleaning, and wrangling.

SELECTED EXPERIENCE

Examples reflect Dr. Nedim Yel's research and consulting work, including collaborative projects.

California | Mapping the digital divide
As Senior Data Scientist at the California Department of Education and an SDP Fellow, geocoded nearly four million student addresses in R and combined FCC and Ookla data in QGIS to estimate connectivity gaps. Mapped availability supported investigation; it did not verify household service. Harvard SDP profile

Connecticut | Teachers and school leaders
Coauthor and consultant on a June 2026 CCERC report examining educators' pandemic experiences through 1,093 teacher survey responses and interviews in six districts. Findings informed recommendations for district and state leaders; the sample was not statewide. Part 1 report

North Carolina and Arizona | Statewide assessment research
Worked directly with grades 3–8 statewide reading and mathematics achievement data through NCAASE, studying achievement growth and accountability for students with and without disabilities. NCAASE overview

Indiana courts | Accessing Justice with Zoom (2023)
DASS-affiliated coauthor of research analyzing 1,878 unrepresented court users' responses, with research across 40 courts in 12 counties. Managed and prepared data, conducted analysis, and contributed to reporting. Developed court-authorized case-record scraping when an export was unavailable. Project report

QUALIFICATIONS & DELIVERY

Dr. Nedim Yel, Owner — PhD with a specialization in Measurement, Statistics, and Methodological Studies. Direct collaboration with the statistical lead; work within client-approved systems or remote desktop environments; project-specific scope, deliverables, and schedules. Alternatives are evaluated against data availability, scale, privacy, and operational constraints.

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