<u>Understanding factors that</u> <u>affect</u>

TEST RESULTS

WHATFACTORS CAN LEAD TO STUDENTS OVER OR UNDER PERFORMING

In order to improve ACT performance statewide

IMPORTANT METRICS

TEST PERFORMANCE

num_over_21_score

Number of Test Takers that Received a Score Over 21 (50th Percentile)

percent_over_21_score

Percent of Test Takers that Recevied a Score Over 21 (50th Percentile)

FEATURES ANALYZED

per_capita_income

<u>edp_365</u>

current_expense_ada

current_expense_per_ada

teachers

avg_teacher_salary_18_19

ANALYSIS

num_over_21_score -	1	0.29	0.13	-0.068	-0.064	-0.058	-0.066	0.21
percent_over_21_score -	0.29	1	0.24	-0.35	-0.34	-0.26	-0.35	0.17
per_capita_income -	0.13	0.24	1	0.022	0.017	0.37	0.025	0.28
edp_365 -	-0.068	-0.35	0.022	1	1	0.48	1	-0.13
current_expense_ada -	-0.064	-0.34	0.017	1	1	0.47	1	-0.12
current_expense_per_ada -	-0.058	-0.26	0.37	0.48	0.47	1	0.48	0.24
teachers -	-0.066	-0.35	0.025	1	1	0.48	1	-0.13
avg_teacher_salary_18_19 -	0.21	0.17	0.28	-0.13	-0.12	0.24	-0.13	1
	n_over_21_score -	t_over_21_score -	r_capita_income	edp_365 -	nt_expense_ada	xpense_per_ada -	teachers -	er_salary_18_19 -

- 1.00 - 0.75 - 0.50 - 0.25 - 0.00 - -0.25 - -0.50 - -0.75 - -1.00

num_over_21_score -	- 1	0.29	0.13	-0.068	-0.064	-0.058	-0.066	0.21
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- 1.00

- 0.75

- 0.50

- 0.25

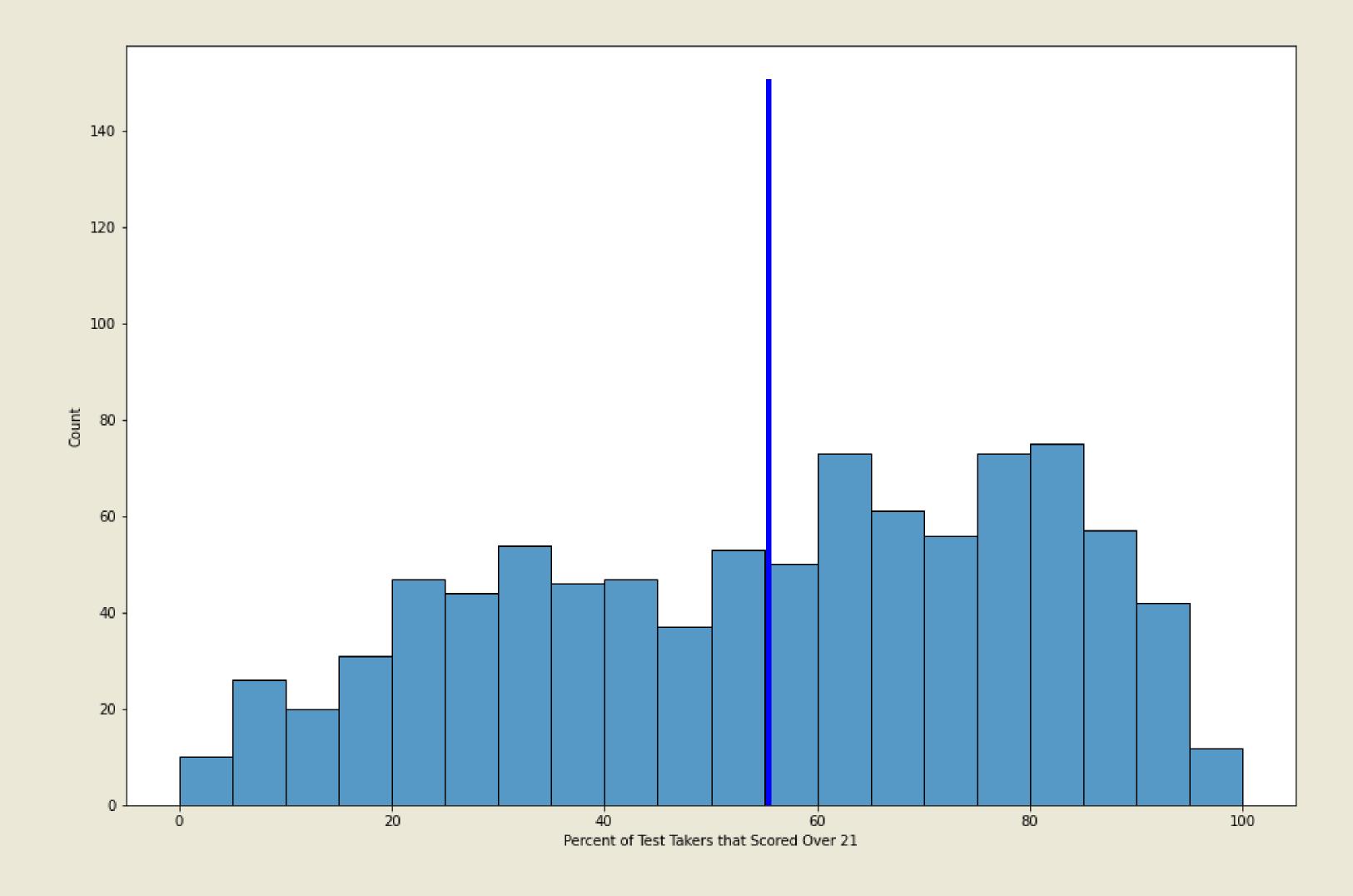
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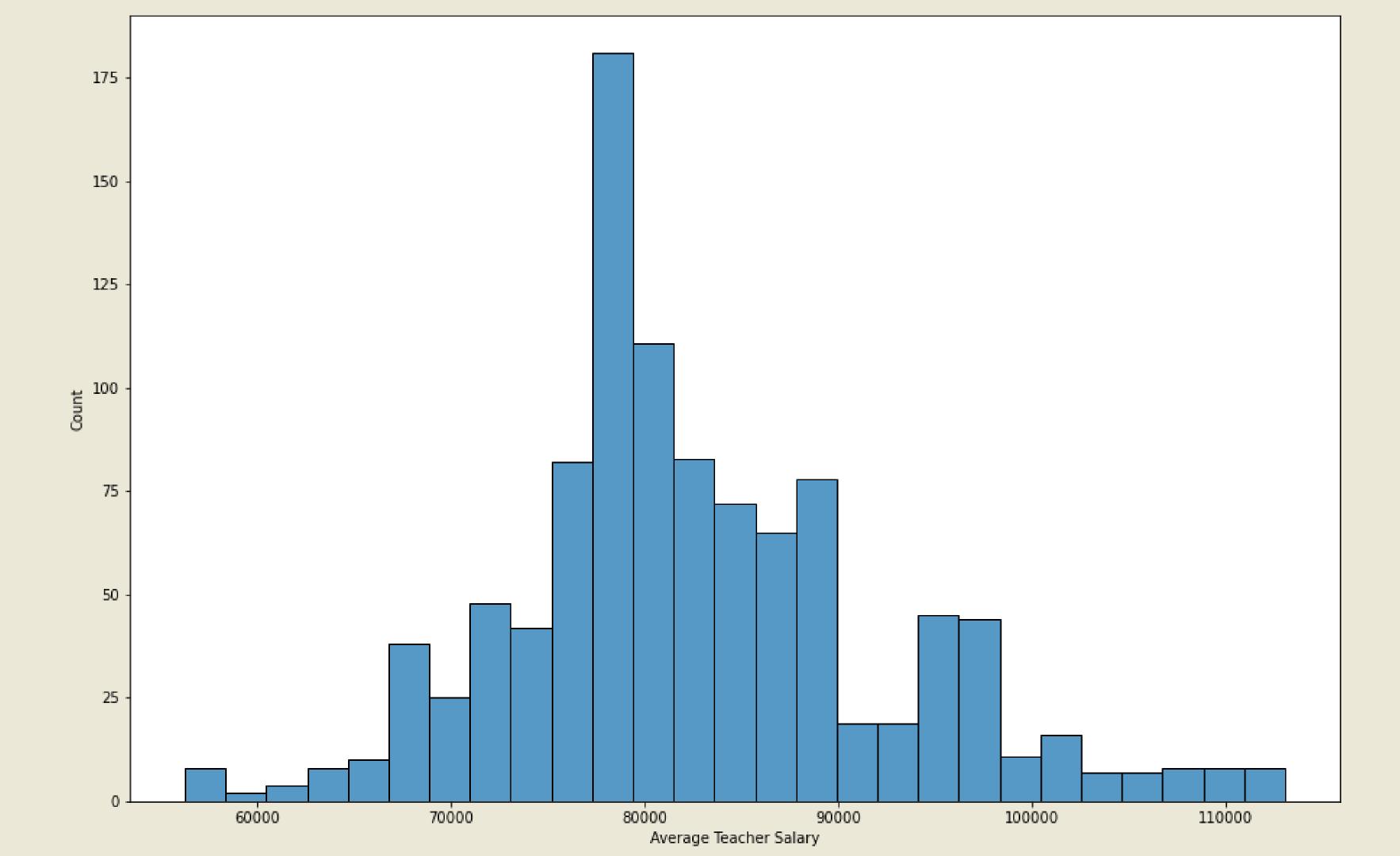
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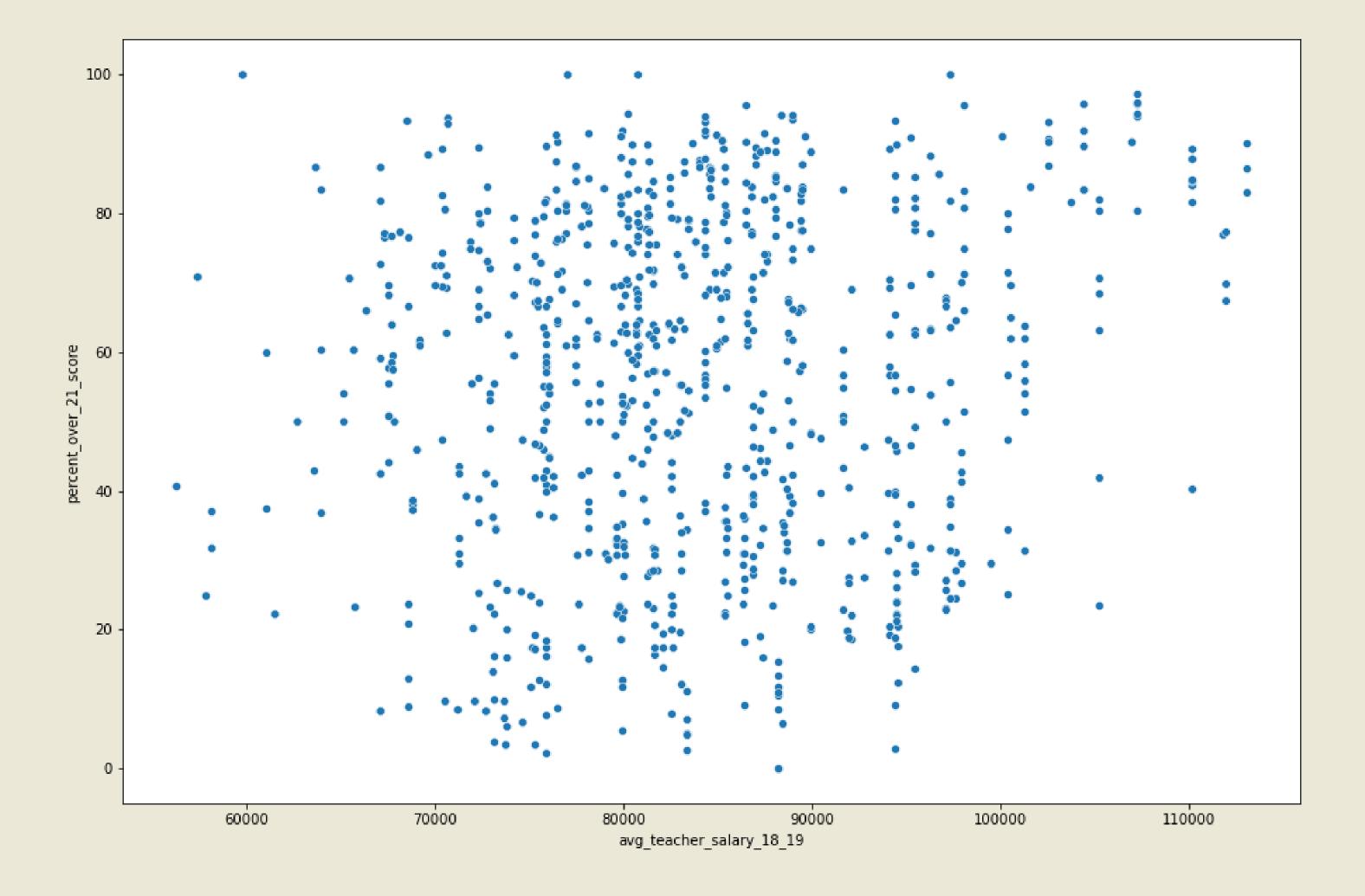
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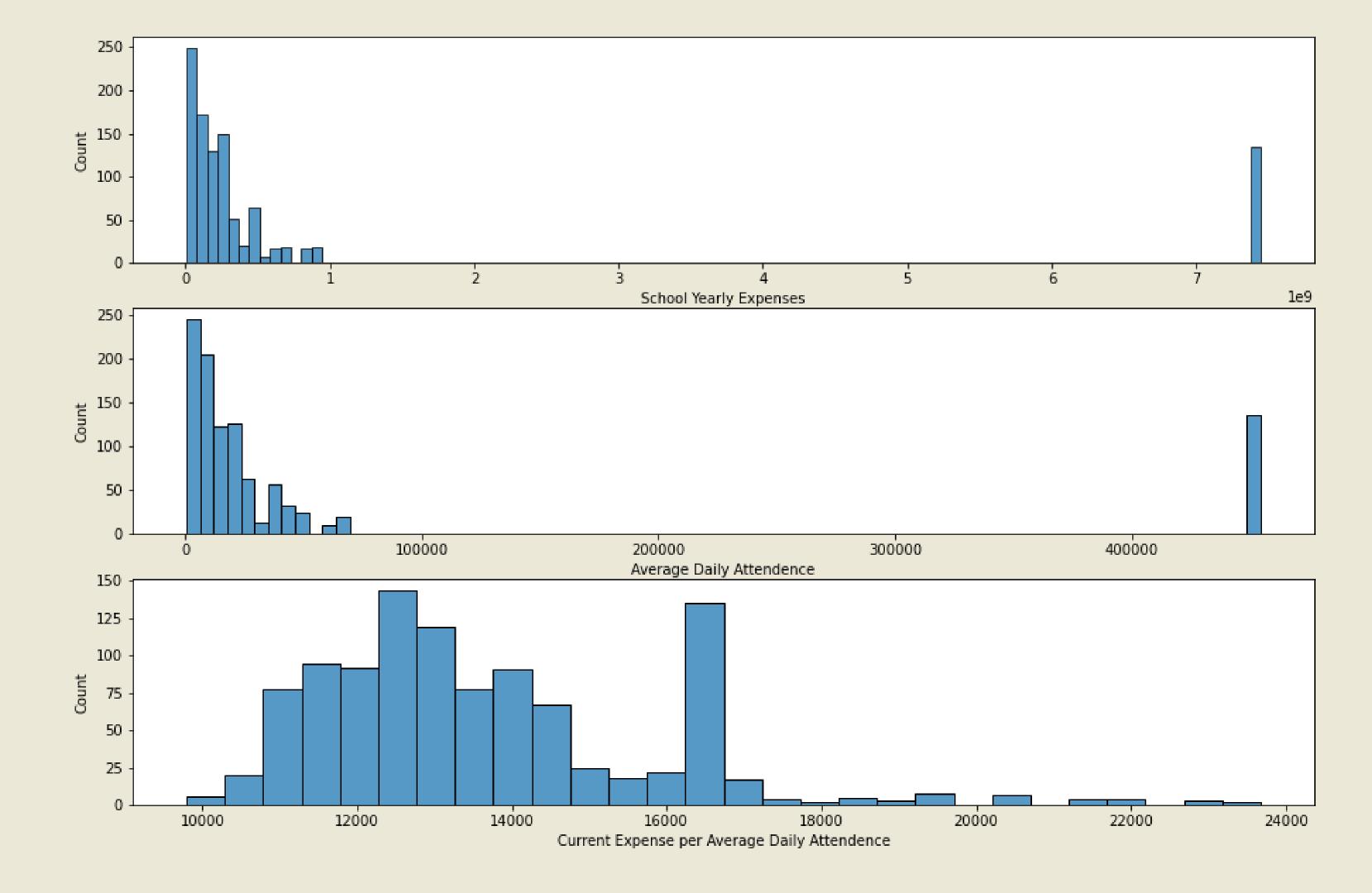
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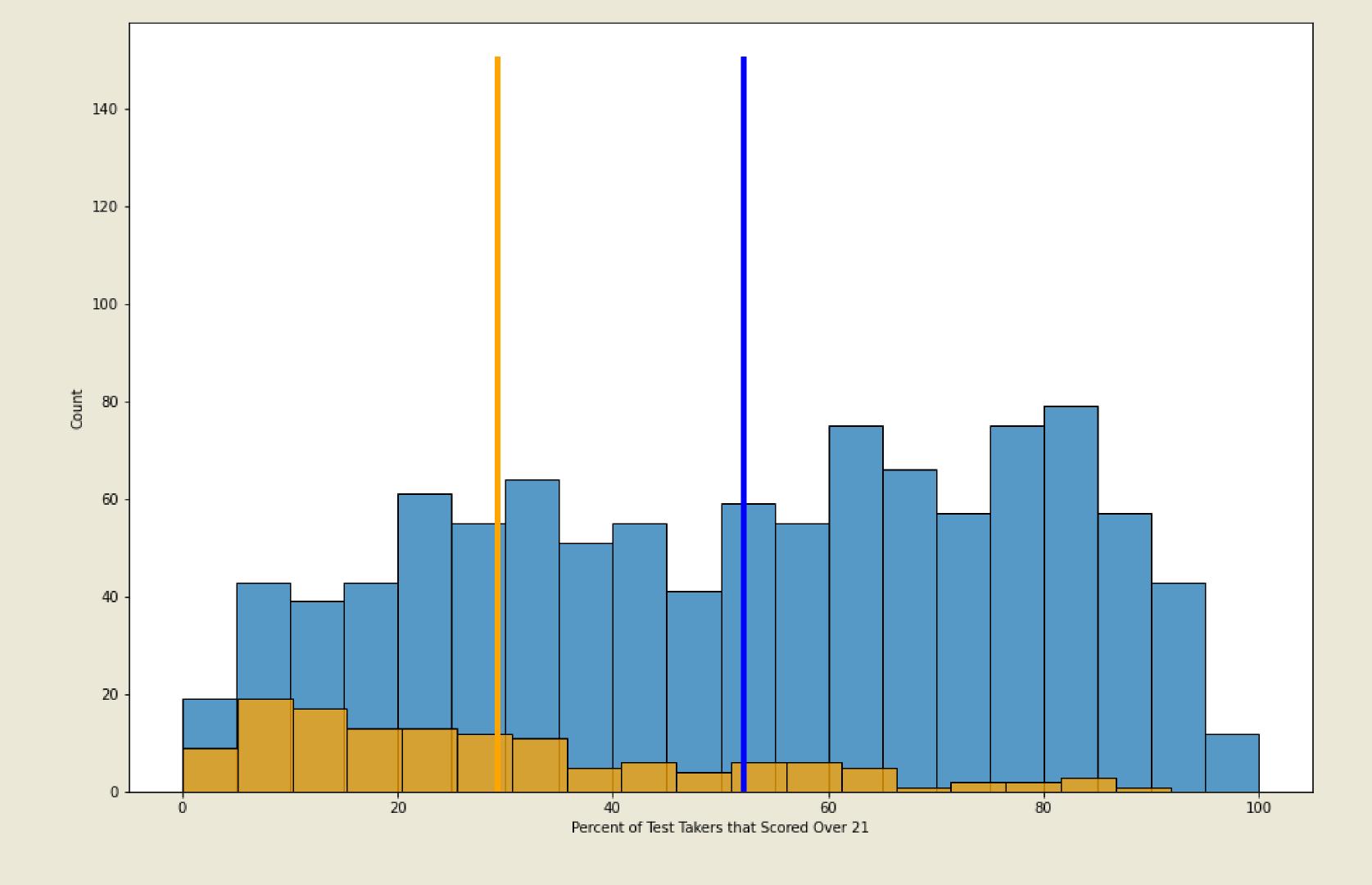
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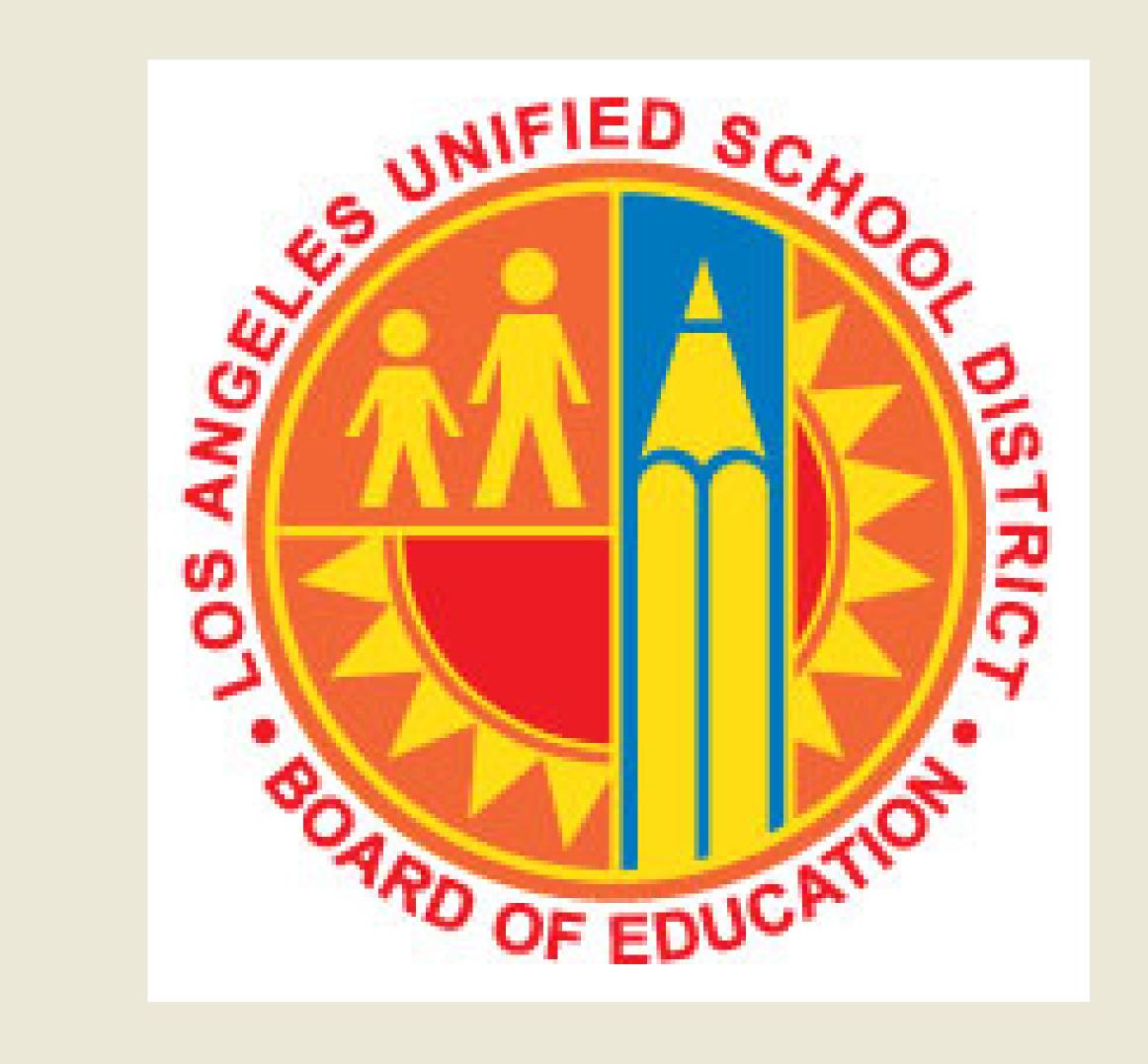




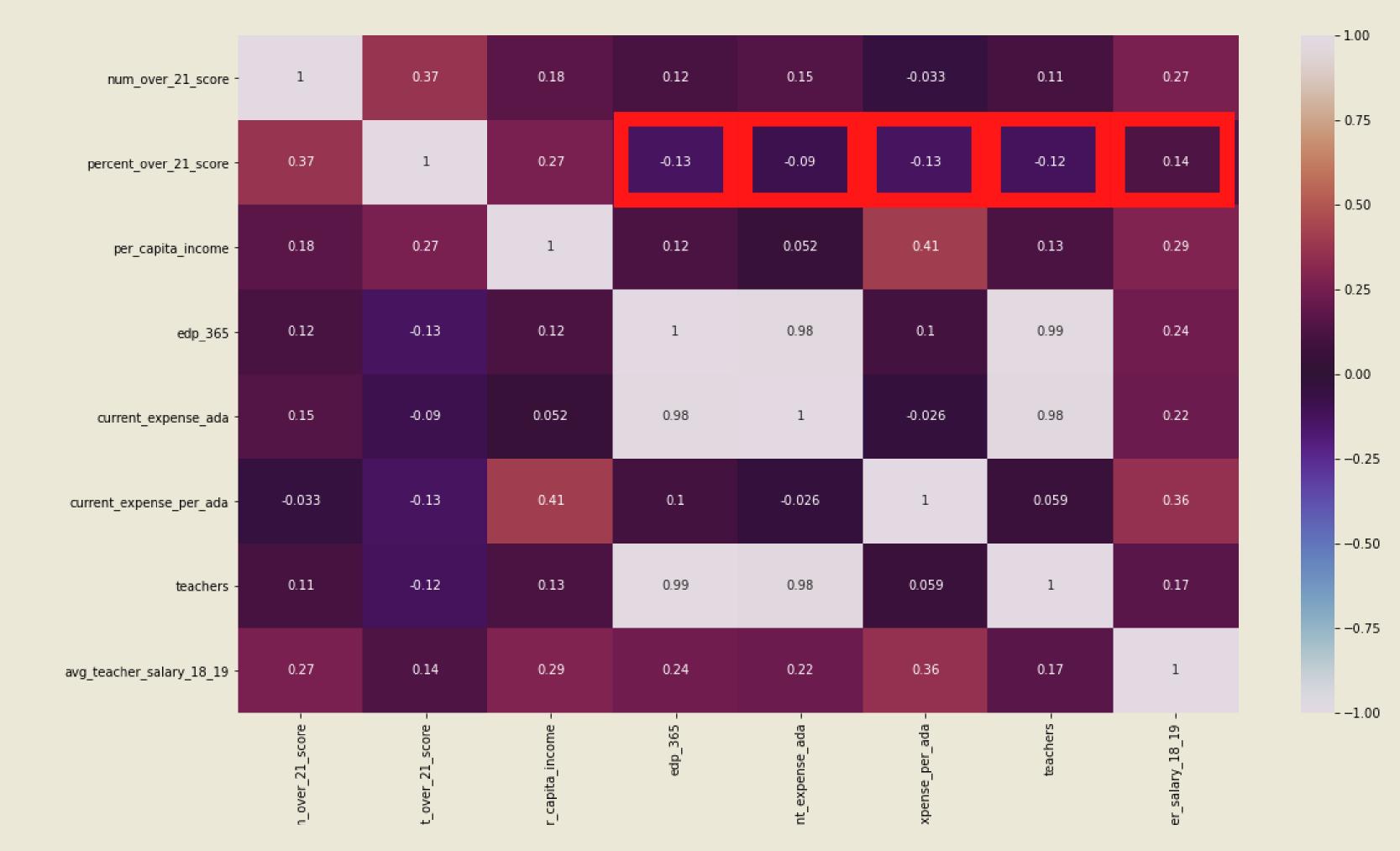


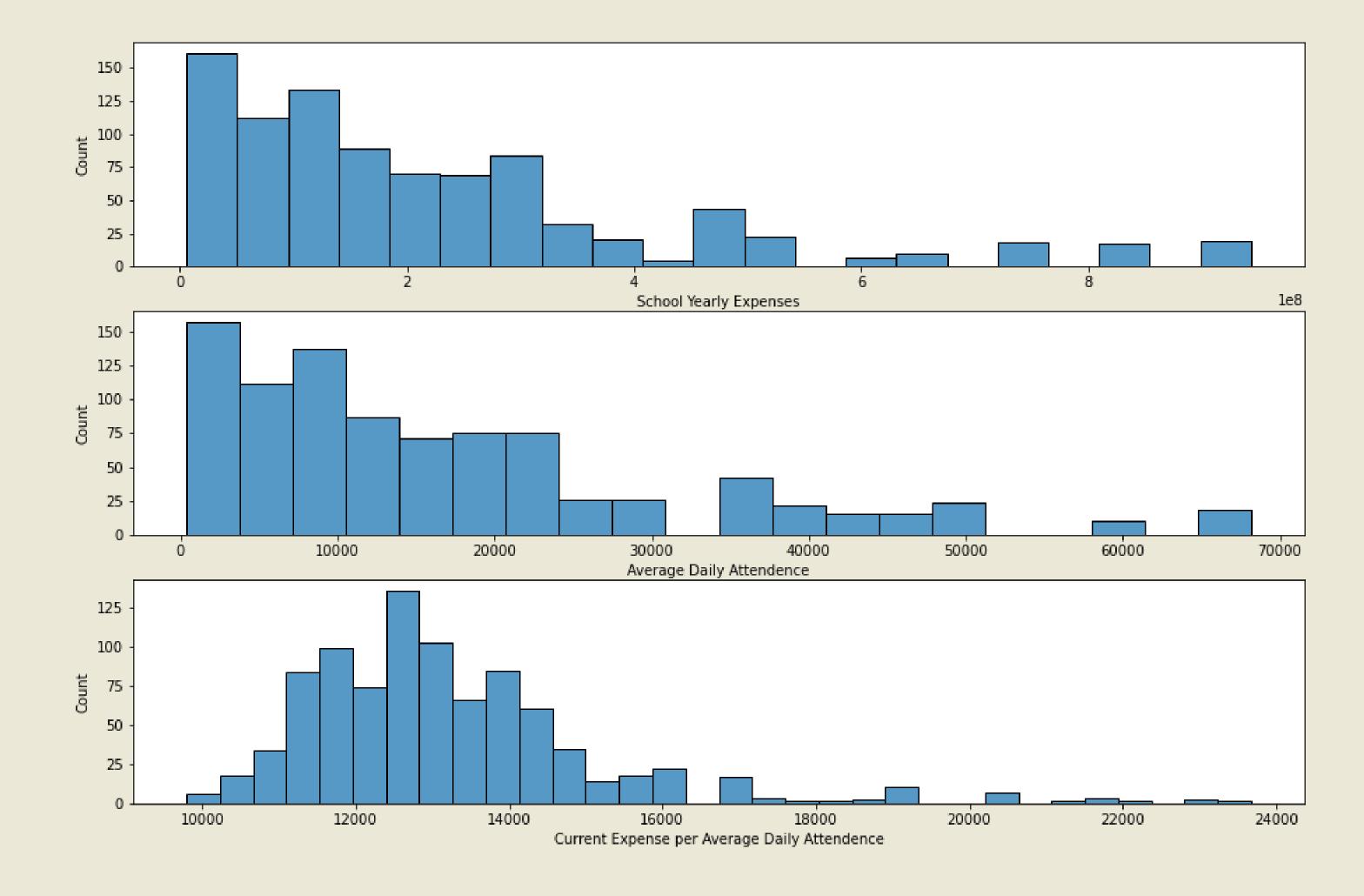


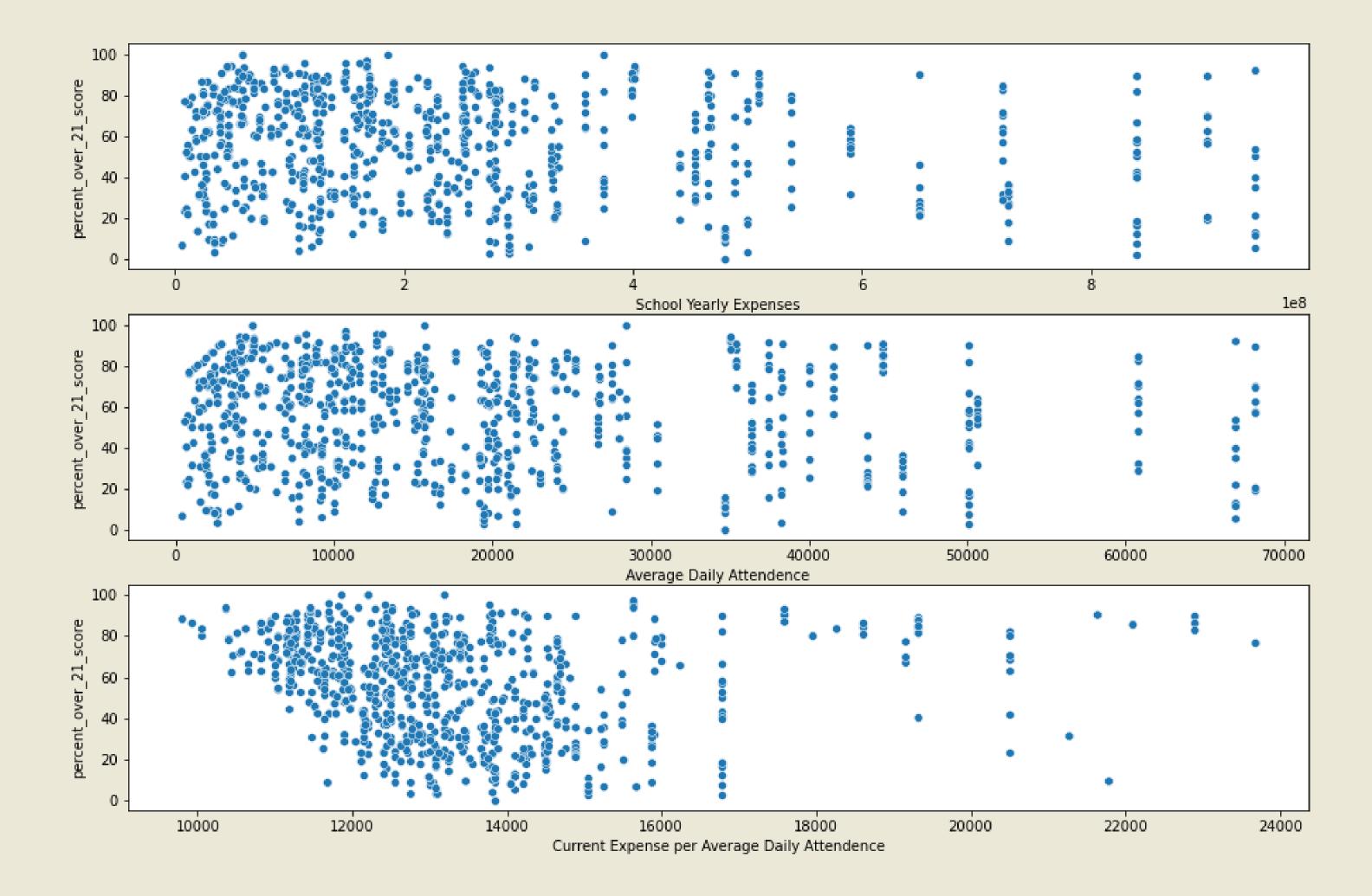


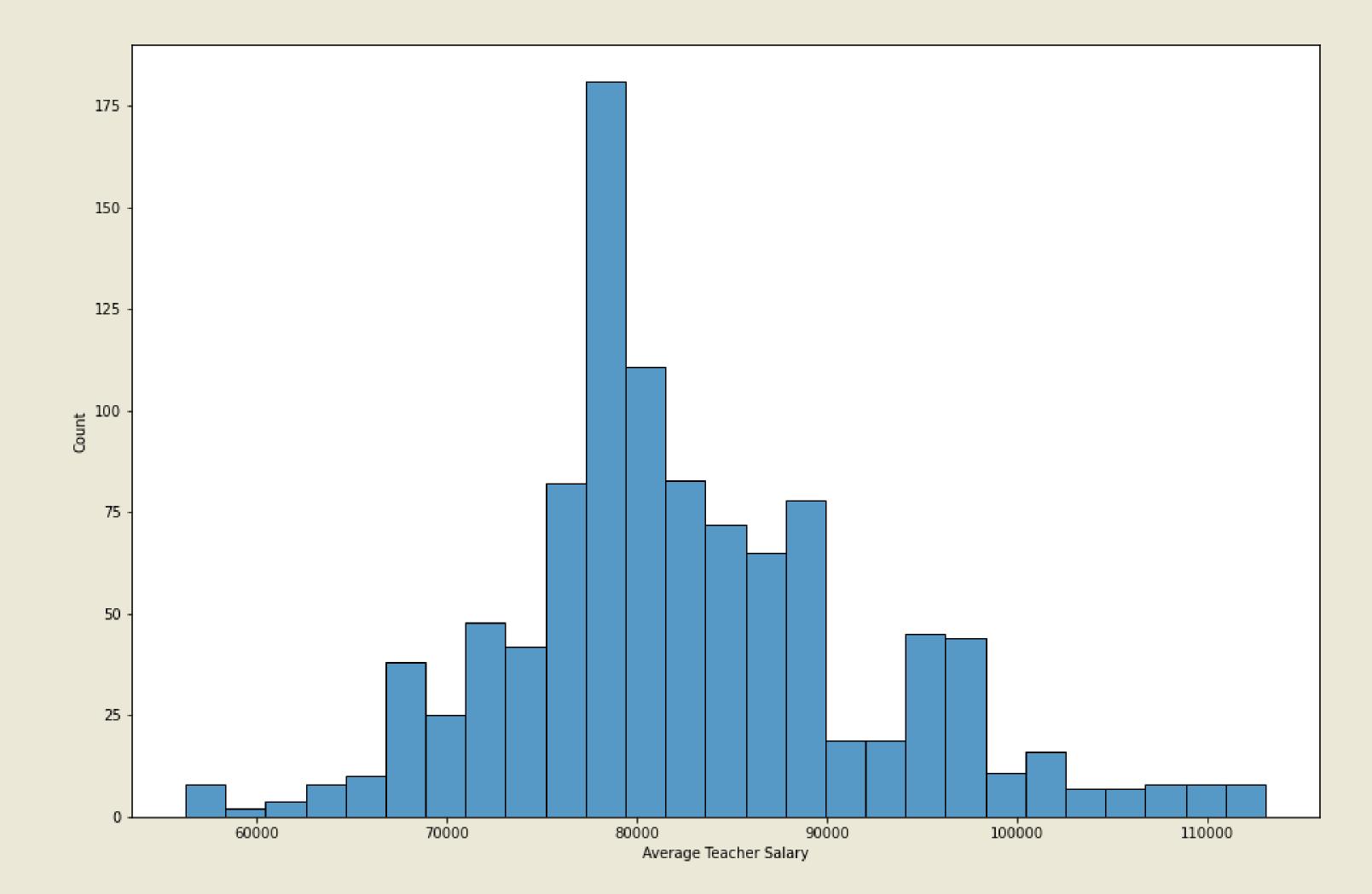


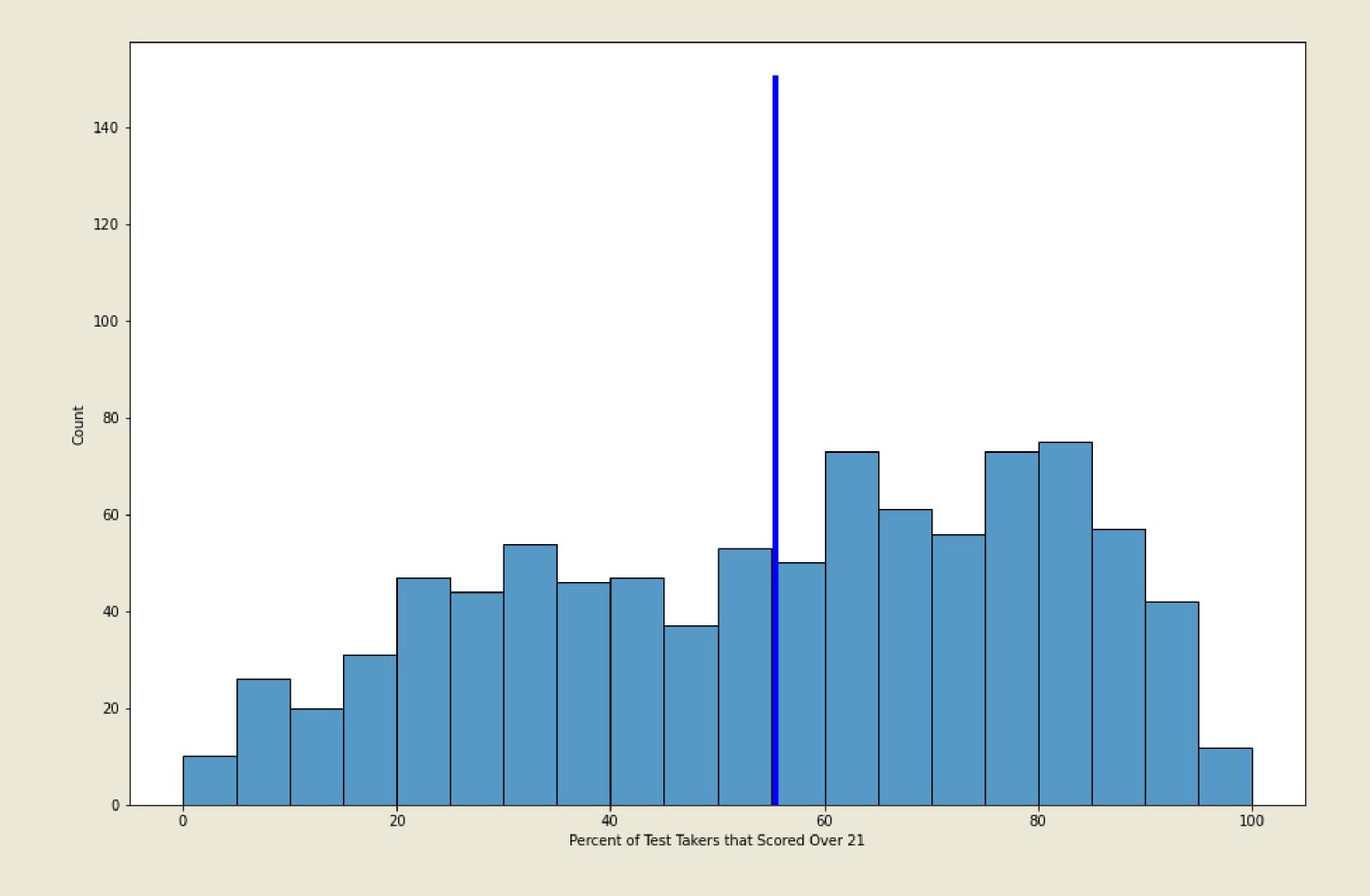
ANALYSIS WITHOUT LAU

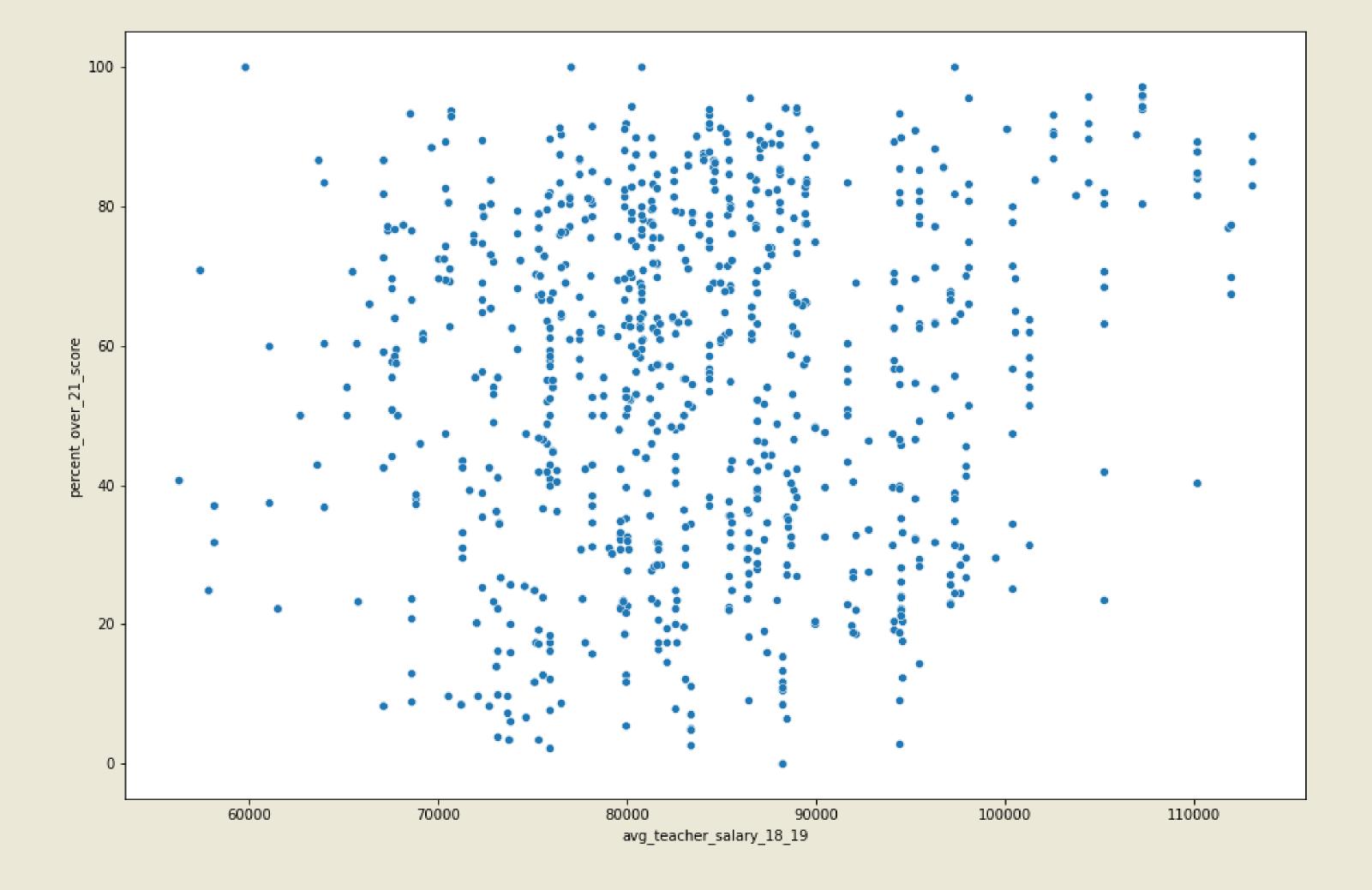












IN CONCLUSION

AT THIS POINT IN THE ANALYSIS, WITH THE DATA WE HAVE, WE CANNOT FIND A RELATIONSHIP BETWEEN OVERALL ACT TEST PERFORMANCE AND COUNTY PER CAPITA INCOME, SCHOOL EXPENSE, AVERAGE DAILY ATTENDANCE, TEACHER COUNT, OR AVERAGE TEACHER SALARY

GOING FORWARD

BETTER DATA

LOS ANGELES UNIFIED

ACKNOWLEDGEMENTS

CALIFORNIA DEPARTMENT OF EDUCATION

SACRAMENTO BEE

<u>UNITED STATES CENSUS BUREAU</u>

TABLES GENERATOR

README.SO

THANK YOU FOR LISTENING