College Earnings Analysis

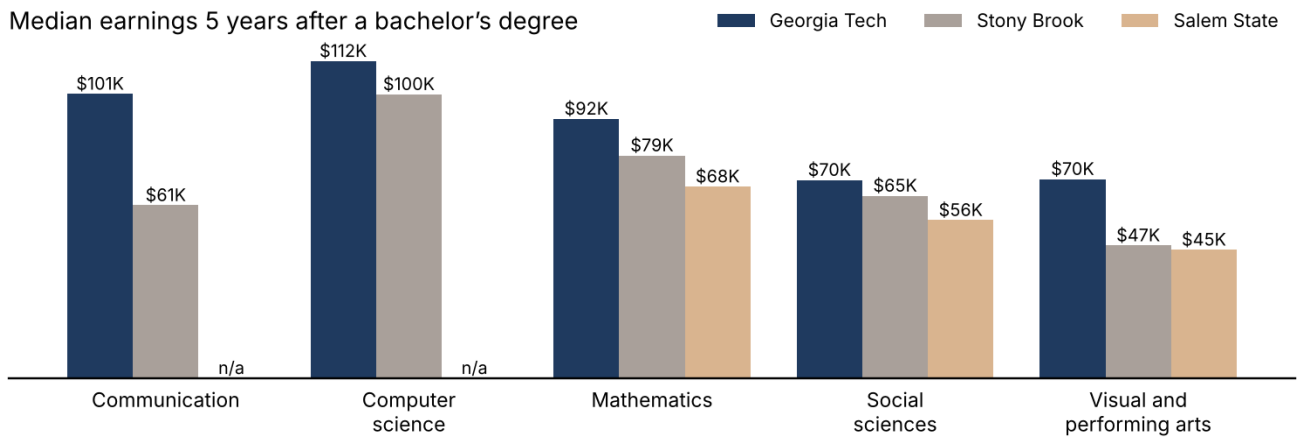
Jake Fecteau · School project · BUS 340 · Excel, SQL, Tableau

The question

How do bachelor's graduates' earnings differ by school, field of study, and years after graduation?

Approach

I wrote Excel formulas to restructure earnings data into database-ready records, loaded them into a SQL data warehouse, and built Tableau dashboards comparing Stony Brook University, Georgia Tech, and Salem State University.



Field (Georgia Tech median)	1 year	5 years	10 years
Communication	$67,457	$100,575	$128,513
Computer science	$87,094	$112,165	$145,925
Mathematics	$61,566	$91,746	$125,016
Social sciences	$45,908	$70,092	$101,045
Visual and performing arts	$50,687	$70,411	$90,992

Finding

In all five fields shown, Georgia Tech graduates had higher median earnings than graduates of the other schools with data, at 1, 5, and 10 years after graduation.

Recommendation

Of the three schools, Georgia Tech was the strongest choice in these fields based on earnings.

Limits

This comparison does not account for tuition, financial aid, cost of living, or differences among the students each school admits.

Class project. "All Cohorts" median earnings from the project dataset. Charts prepared for this summary.