# ***Capstone Proposal***

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**Project Information:**

The dataset that I have selected is a combination of tables that describes fall enrollment, staffing and budgetary information about public schools in Bergen County, New Jersey post\_covid.

Some of the real-world applications my analysis could provide is helping policy and decision makers or administrators improve and maintain education quality by predicting hiring trends , enrollment and student needs.

**Project Goals:**

With this analysis I am trying to identify patterns in student enrollment , teacher hirings , staffing shortages and changes in teacher to student ratio across districts. Also if the data is available I am also aiming to handle budgetary information like per pupil cost.

**Data Overview:**

My dataset will consist of multiple tables pulled out from the New Jersey Department of Education and the National Center of Education statistics websites. It will mainly handle public schools so the size will be approximately about 77 rows ( there are 77 school districts in Bergen county) in each table. There will be 3 tables : Enrollment , staffing , Budget.

Enrollment : It will handle fall enrollment for each year ( i am aiming to collect data about the last 3 years )

Staffing : This table will give insight about the number of teachers , admin and relevant support staff in each district during the school year.

Budget: If applicable this table will give insight about total and per pupil cost and revenue in each district during the school year.

**Notes :** At this moment I do not have a sponsor and I am still gathering data. I am building my own dataset because I have yet to find a dataset that will directly answer the questions that I am trying to solve with my analysis. If a sponsor is made available or i come across a better dataset i will make sure to update this proposal.