**About the dataset:**

* Full\_School\_Name: This column likely contains the full name of the school or educational institution.
* School\_Name: This column likely contains the abbreviated or shortened name of the school.
* School\_Type\_Code: This column may contain a code or identifier indicating the type of school. The code could represent whether the school is elementary, middle, high school, or some other educational institution type.
* hdg\_code: It represents a code related to the school's administrative or organizational structure.
* pt\_tot\_all\_races\_v: This column likely contains the total number of students enrolled in the school across all races.
* pt\_tot\_forgn\_v: This column likely contains the total number of foreign or international students enrolled in the school.
* pt\_tot\_hisp\_v: This column likely contains the total number of Hispanic or Latino students enrolled in the school.
* pt\_tot\_indian\_v: This column likely contains the total number of students who identify as American Indian or Alaska Native.
* pt\_tot\_asian\_v: This column likely contains the total number of Asian students enrolled in the school.
* pt\_tot\_black\_v: This column likely contains the total number of Black or African American students enrolled in the school.
* pt\_tot\_pacific\_v: This column likely contains the total number of students who identify as Native Hawaiian or other Pacific Islander.
* pt\_tot\_white\_v: This column likely contains the total number of White students enrolled in the school.
* pt\_tot\_multi\_non\_hisp\_v: This column likely contains the total number of students who identify as multiracial but non-Hispanic.
* V is the variant.

In Project 2,

**Problem Statement 1:**

Data shaping and combining (only to practice in Power Query Editor you can choose any columns for the data transformation).

**Problem Statement 2:**

Data Visualization.

**1. Total Applications vs. Target Trend by State** [Trend visuals - bar chart, line chart, column chart, area chart ]

The trends in Power BI indicate the visuals like line charts, area charts and bar charts. Because these charts indicate the flow of the data.

You will be comparing the Total Applications (pt\_tot\_all\_races) column with the state code by using any trend visuals.

2. **Total Application by State Geo Dashboard** [map visual]

Geographical visuals indicate map visuals and filled map visuals.

You will be comparing the Total Applications (pt\_tot\_all\_races) column with the state code by using any map visual.

3.  **Tabular presentation of universities and funds**

We are supposed to create a table visualization. You will be taking the Total Applications (pt\_tot\_all\_races) column and Trust fund or state fund columns.

4. **% of application by race**  (table calculation percentage of grand total).

You will be taking all the pt\_tot columns like pt\_tot\_asia, pt\_tot\_pacific, pt\_tot\_india etc.

To calculate the percentage, you can refer to the below screenshot.

**Problem Statement 3:**

Kindly refer to this video.

<https://drive.google.com/file/d/1q4vSgRz5yDkW5yQGd5FSpjBQBeLvCzJu/view?usp=sharing>