

# Dataathon

## 1.1- Problem Description:

- OBJECTIVE: Increase educational attainment.
  - "Design a strategy to allocate resources to increase educational attainment."

- INCLUDE:

- socioeconomic and/or environmental factors
- how to allocate resources
- Conduct analysis for Texas (compare to other states)

## 1.2- Data Description:

- CRDC: achievement metrics (high and middle school)
- SAIPE: annual estimate for income and poverty stats (school districts)
- SLGA: latitude and longitude of schools

- HMDA: amount and rates of mortgages.
- SDGR: The spatial relations between school districts and their location.
- ACLF: total housing units and group quarters by "tabulation" blocks.
- QA: data following lives of 20 million Americans.