Group 1:

Team members:

* Clover Mclaughlin
* Arnold Miranda Reynoso
* Jacob Anderson
* Lori Andler
* Logan Severson

Project Title:

Completion rate between 4-year private and public universities in St Paul, MN

Project Description:

Undergraduate graduation rate of Private and Public colleges/university in St Paul, MN

* + 12 colleges/universities:
  + <https://www.accreditedschoolsonline.org/minnesota/saint-paul-mn/#Colleges-in-Saint-Paul>
  + No: Century College, Inver Hills Community College, Minneapolis Community and Technical College, Saint Paul College

Overview insight:

1. Each School Summary
   1. Total number of students
   2. What is the percentage of graduation rate?
   3. Retention rate
   4. Diversity breakdown – graduation rate across difference ethnicities
2. Public vs Private Summary
   1. Total number of students
   2. What is the percentage of graduation rate?
   3. Retention rate
   4. Diversity breakdown – graduation rate across difference ethnicities

Research questions

Public universities analysis

Private university analysis

Public vs Private

1. The correlation between % of ethnicity vs completion rate
2. The correlation between total student of completion rate
3. The correlation between retention rate and completion rate
4. Comparing the completion rate between public and private university

Datasets:

* Base URL: <https://api.data.gov/ed/collegescorecard/v1/schools.json?>
* Dataset guide: <https://github.com/RTICWDT/open-data-maker/blob/master/API.md>
* See the excel in Repo for details of parameters.

Rough Breakdown of Tasks

* Data Cleansing & Analysis: Clover
* ReadMe File Write-up: Lori
* Visualization: Logan
* Conclusion – professional write-up: Arnold
* Finalized slice deck - Jacob