JavaScript Libraries

1. ArcGIS – JavaScript 3D Mapping
2. Gridstack.JS – JavaScript Customizable Dashboard Layout

August 8th

Data Cleaning:

Time Frame:

Entry Date >= August 12

Exit Date <= May 20th

Drop Student IDS w/ Null Values

Count of Exit Reasons per School

Highest Exit Reason (Top 5)

* Top 5 Exit Reason in District

Are There Any Exit Codes That Have Count of 0

Primary Reasons For Students Leaving

!Jupyter nbconvert – to script

Data Cleaning Process:

1. Reduce Size of Dataset (Speed Increase)
   1. Drop Rows: No Exit\_Reason (ER)
   2. Drop Rows: No Student\_ID (NID)
2. Convert Column Data Types
   1. Entry-Date (ED): DateTime Format
   2. Leave-Date (LD): DateTime Format
3. Further Refine Dataset:
   1. Drop Rows: Date < 09/12/ [ 2017 | 2018 ]
   2. Drop Rows: Date > 05/20/ [ 2017 | 2018 ]