Implementation

* How fast they need it?

Data

* Standard deviation & means – distribution of different variables
* Correlations like how wealth & remoteness impacts test scores
* Which scores have the worst test scores
* Where
  + Where are schools perfomring the best?
  + Are there geographic clusters of better perofmring schools?

Challenges

* Interpretation
* Missing values
* Correlation vs causation
* Data granularity
* Confirmation Bias

Things to visualize:

* Distance of school from student’s residents
* Aggregated data across administrative units
* Student-teacher
  + Infrastructure demands
* How any schools have a resources
* Funding – where is money being allocated
* How many students we are serving and where they’re located
* Anything (CCT’s, ratios, remoteness) vs. test scores
* Different systems of schooling – public, private v charter

Chart possibilities

* Comparison cluster chart
  + CCT’s
* Map
  + Remoteness, student travel time, clusters of variables
  + Region map
  + Point map with popups
* Bar chart for locations and students
  + Are there lots of students in one area vs another?
* Next to map
  + Ranking of schools
* Scatter or line plots to show correlations
* Input a school or choose a current school and create a hypotecical school
  + Put a school somewhere and see how it impacts its neighbors
* Average test scores over time in a line chart
* Where funding is going
  + Pie chart!