

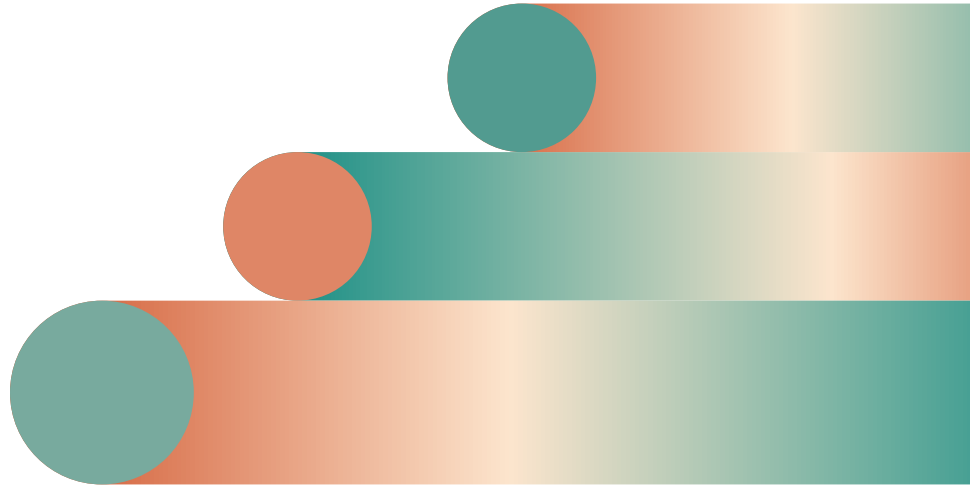


Move to Prosper

where families' futures flourish.

Our connection.

Leverage data to create tangible impact
on families in underprivileged situations

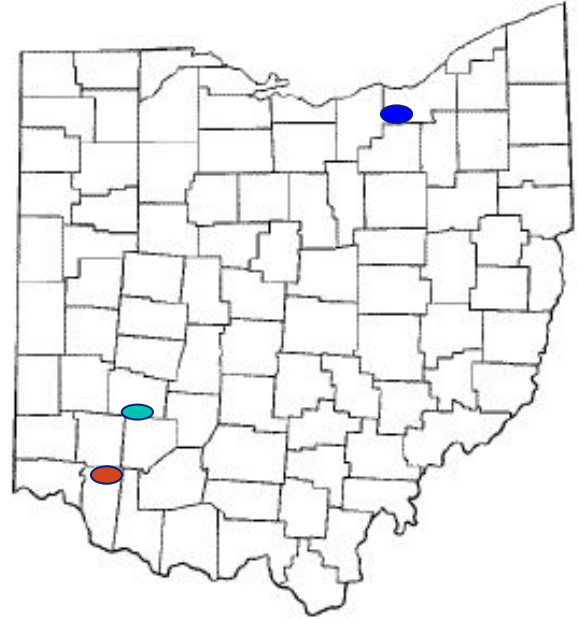


Proposed Cities

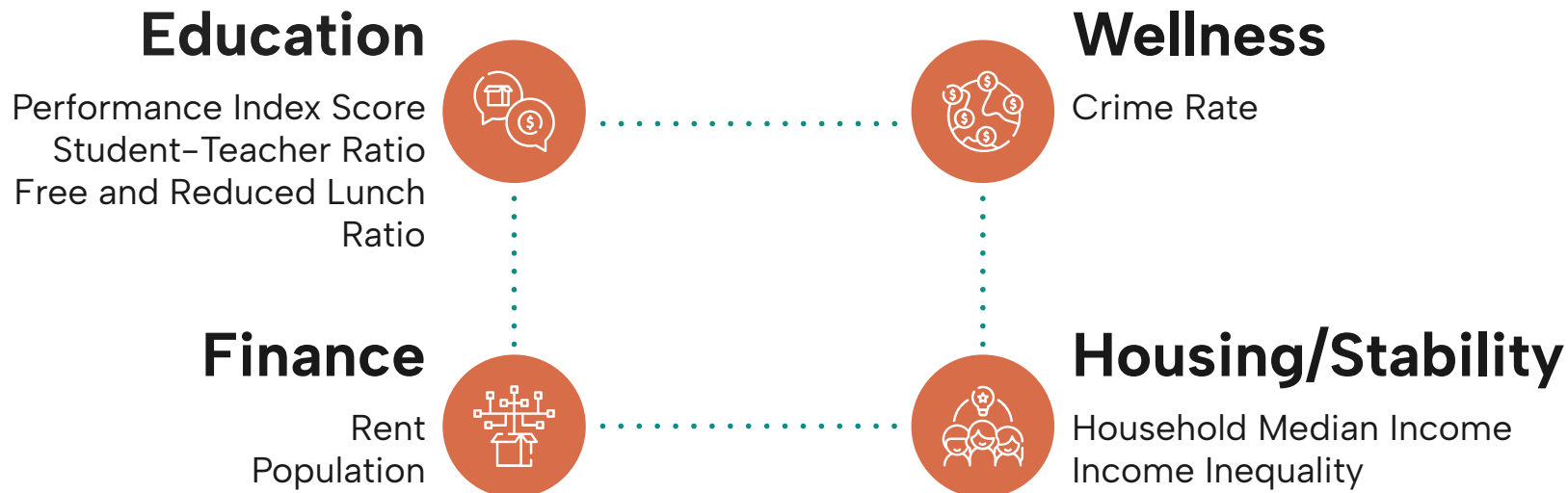
North Royalton

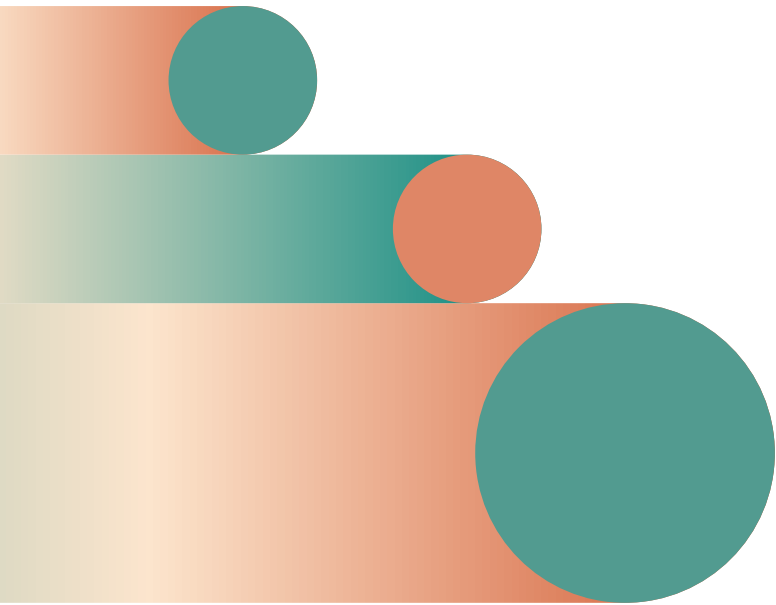
Loveland

Centerville



Mission to Attribute Map



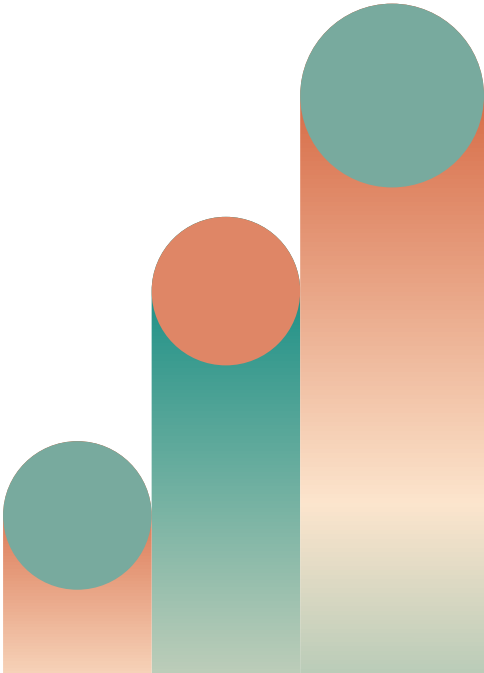


Our Method

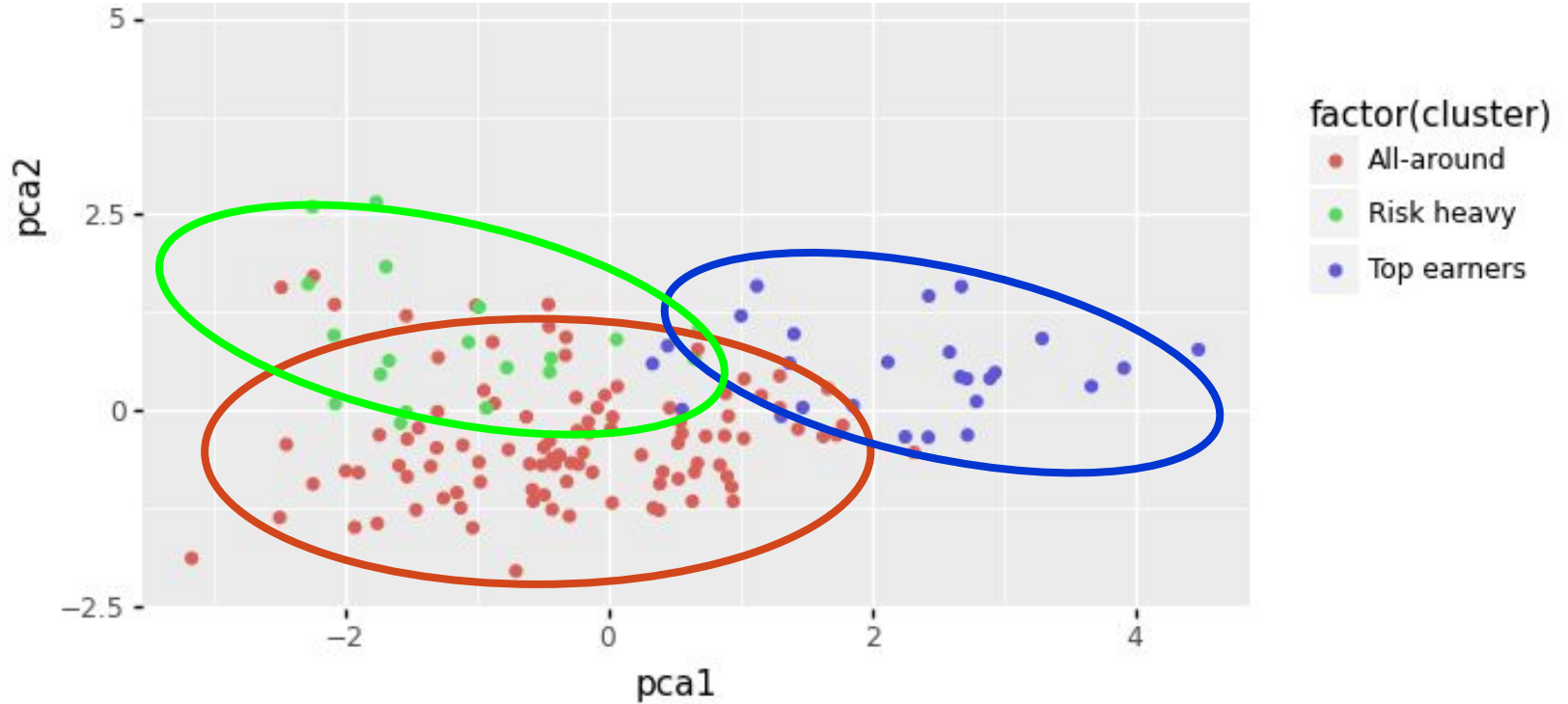


Technical Approach

Optimal combination of characteristics

- Data Cleaning/Mining
 - K-Means Clustering
 - Elbow & Silhouette method
 - Dimensionality Reduction
- 

Determining Ideal Cities



Top 3 Features



Education

Performing Index (PI) Score
of 95 or higher



Crime Rates

Minimizing violent crime &
property crime



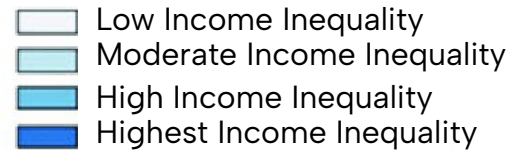
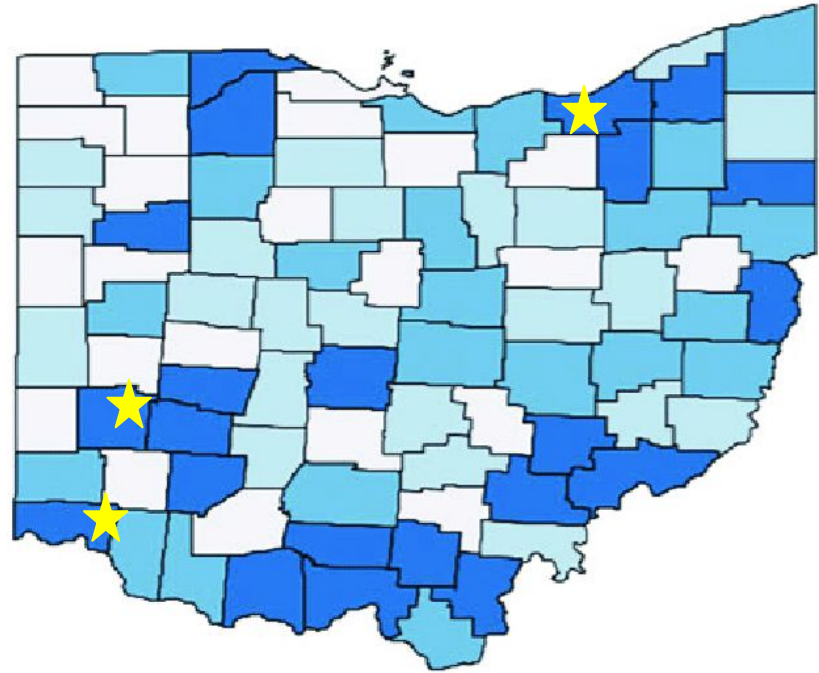
Income

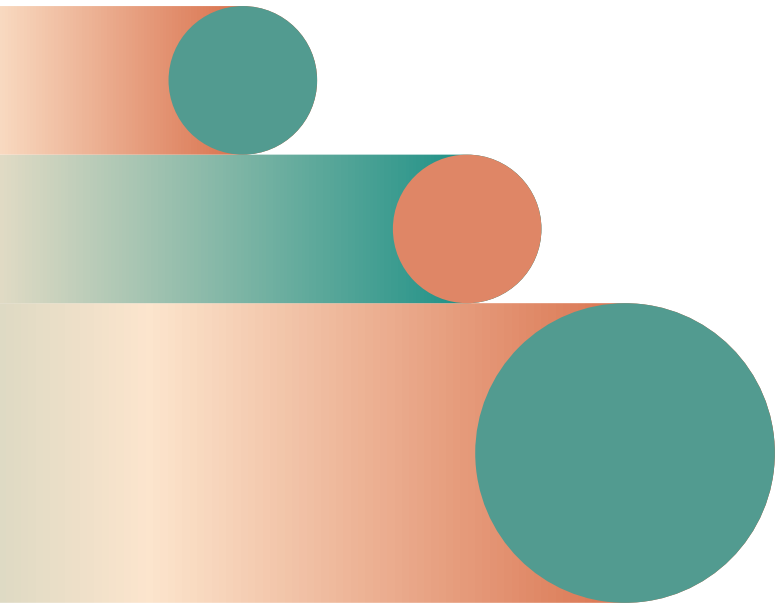
Balancing median income
and inequality measures



GINI Coefficient Map

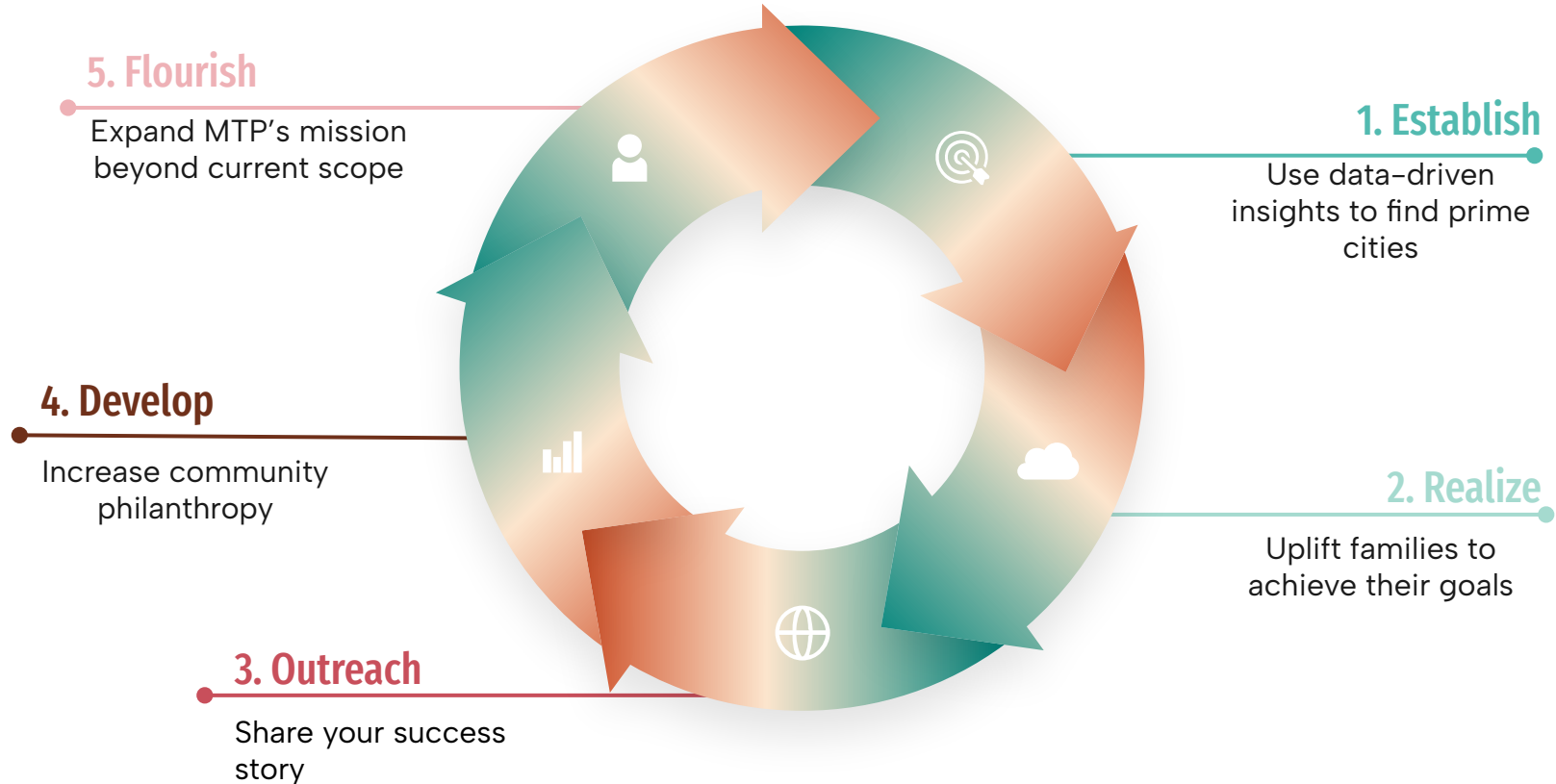
US Census Bureau Data





Future Impact

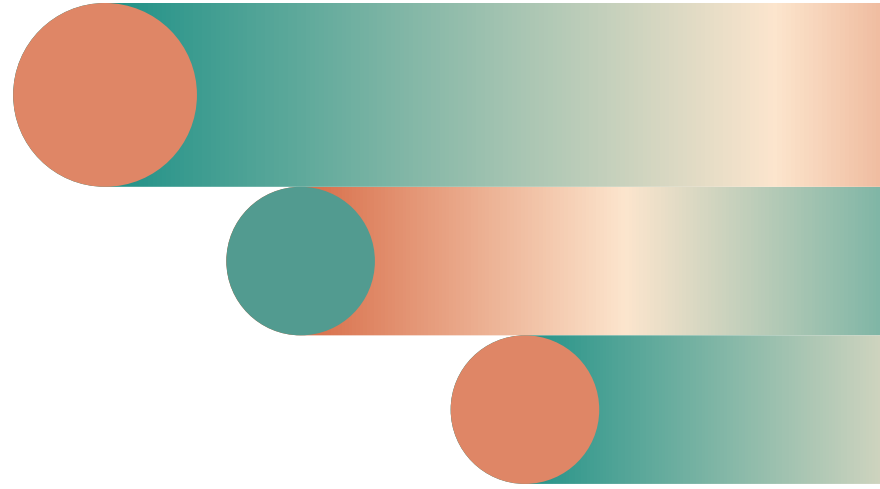
Building for the Future





Questions?

Appendix



Cluster Analysis



clusters	FLR ratio	Student/ Teacher mean	Performance Index mean	Population mean	Crime Rate mean	Median Income mean
0	0.352416	0.054644	79.713520	57344.250000	2.740371	57413.300000
1	0.134641	0.054306	98.909364	22431.000000	1.233609	119511.423077
2	0.334528	0.054743	85.344924	14544.069307	2.095392	60467.574257

PCA Correlation



	PCA1	PCA2
FLR ratio	-0.584351	-0.597377
Teachers ratio	-0.123020	0.165471
pi_city	0.856885	-0.055666
Population	-0.228173	0.796413
Crime Rate	-0.675422	0.344481
m_hhld_income	0.851332	0.15665