

python

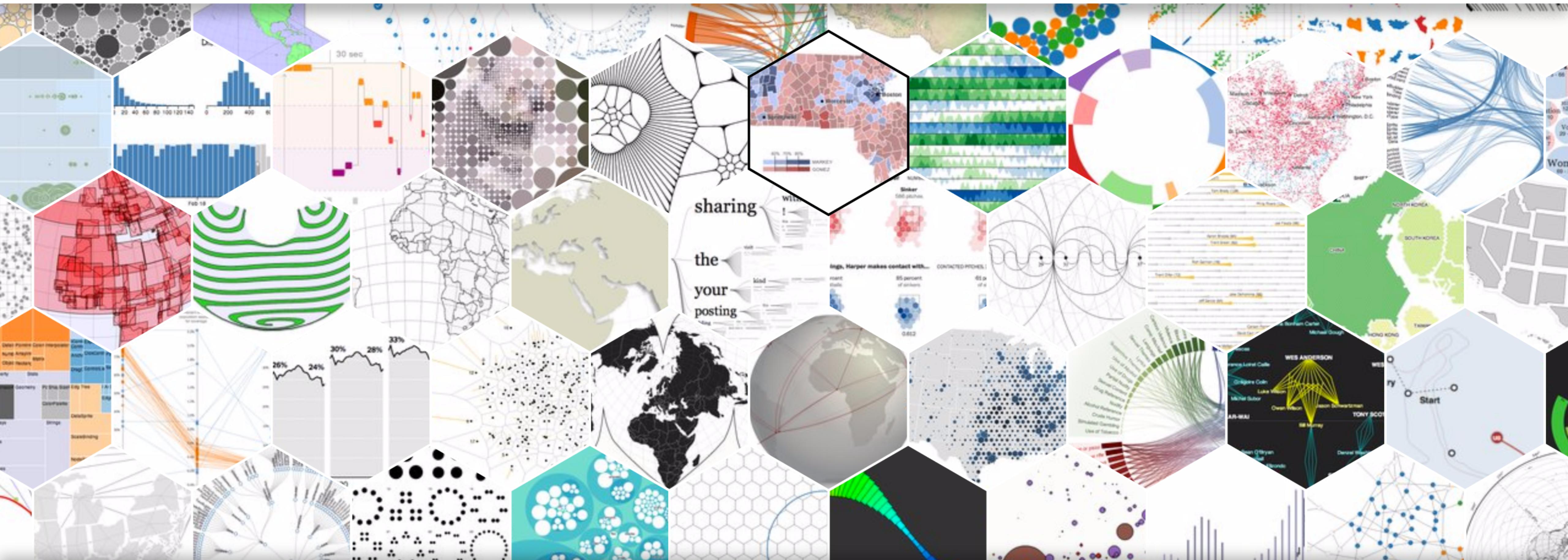


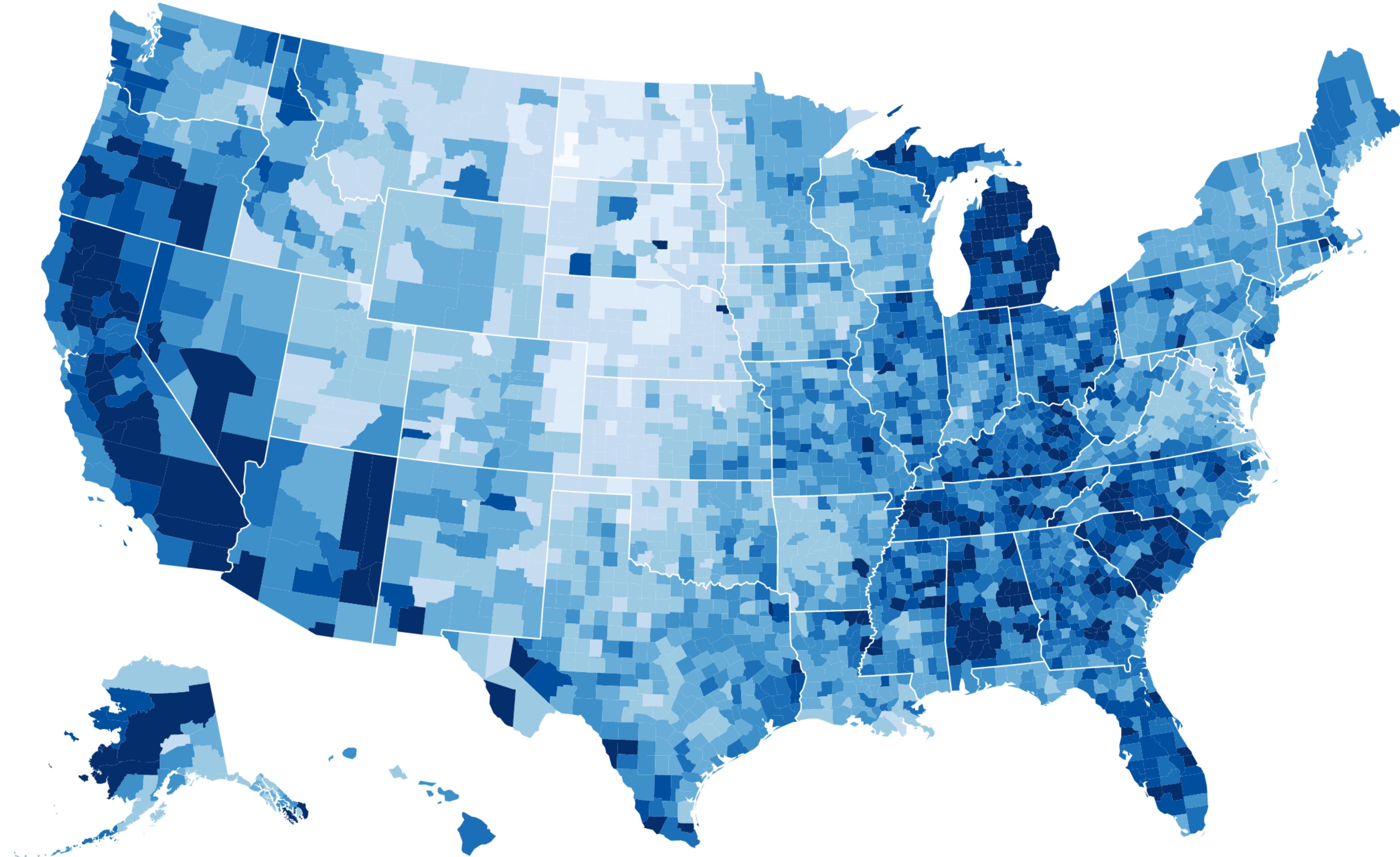


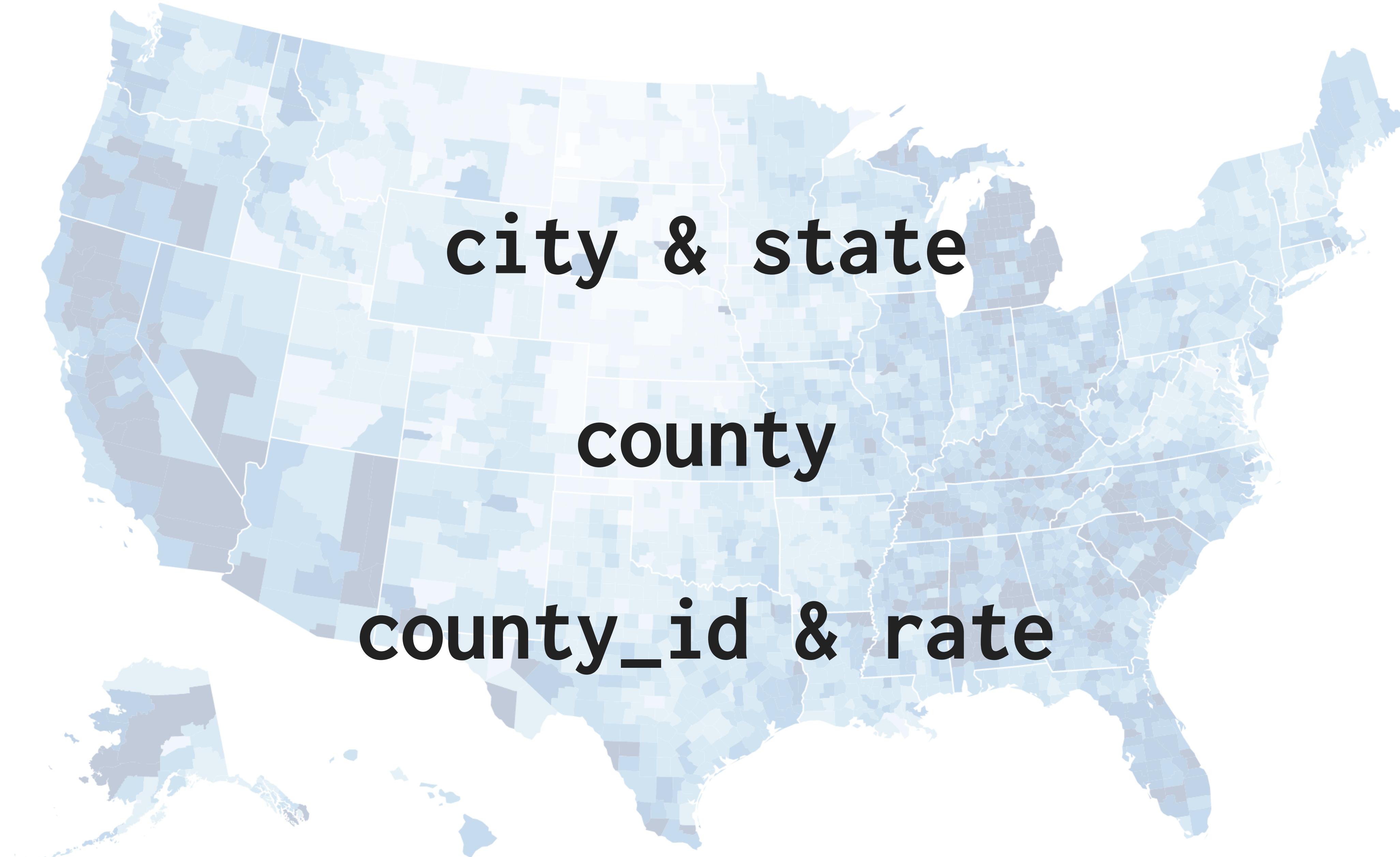
2019

[Overview](#) [Examples](#) [Documentation](#) [Source](#)

# Data-Driven Documents

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A large crowd of graduates in caps and gowns at a commencement ceremony. The graduates are seated in rows, facing forward. Several signs are visible, indicating seating assignments: "ROWS 13-18 LEFT", "ROWS 7-12 RIGHT", "ROWS 15-24 LEFT", and "ROWS 15-18 RIGHT".

# *Commencement*

Natalie Anne Allardye	Grandville, Michigan	Payton Frances Carty	Libertyville, Illinois	Ashley Marie Fraley	Wellston, Michigan
Leana Elizabeth Gayle Allen	Dowagiac, Michigan	Erika Ann Castillo	Holland, Michigan	Carolyn Elizabeth Frazier	Flint, Michigan
Marilyn Kate Allen	Washington, District of Columbia	Evan Spencer Chalmers	McFarland, Wisconsin	Michael Ray Fries	Fennville, Michigan
Dana Hope Almaraz	Chino, California	Alison Marie Chatten	Wheaton, Illinois	Michael Scott Fujawa	Schoolcraft, Michigan
Esmeralda Alvarez Aceves	Chicago, Illinois	Monica Chhum	Holland, Michigan	Abigail Margaret Fulmer	Coldwater, Michigan
Carlie Marie Anderson	Portage, Michigan	Abby Jean DeVries Christian	Byron Center, Michigan	Catherine Olethea Gabriel	Grandville, Michigan
Natalie Jean Anderson	Ada, Michigan	Jessica Leigh Christie	Farmington Hills, Michigan	Marga Liene Galens	Covert, Michigan
Karlen Frances Annett	Bloomfield Hills, Michigan	Alexandria Kay Clark	Grand Rapids, Michigan	David William Gansen	Hamilton, Michigan
Morgan Elyse Appell	Midland, Michigan	Raelene Suzanne Clark	Berthoud, Colorado	Janette Garcia	Holland, Michigan
Claudia Priscilla Armijo	Holland, Michigan	Jessica Ann Clendening	Hamilton, Michigan	George William Getschman	Birmingham, Michigan
Shelly Ranee Arnold	Holland, Michigan	Amanda Christine Cole	Farmington, Michigan	Katelyn Jane Ghekire	Farmington Hills, Michigan
Michael Francis Atwell	Geneseo, Illinois	Kimberly Gail Collins	Carmel, Indiana	Charles Gustave Gies II	Holland, Michigan
Julia Katherine Austin	Grandville, Michigan	Cara Dianne Conrad	Saint Joseph, Michigan	Samantha Ann Gindl	Crown Point, Indiana
Nathan Russell Axdorff	Grand Rapids, Michigan	Kristin Marie Constantino	Kentwood, Michigan	Emily Sue Glazier	Grandville, Michigan
Christopher Michael Axer, Jr.	Howell, Michigan	Kathleen Humphrey Cook	Boulder, Colorado	Nicole Marie Glebe	Brighton, Michigan
Kelsey Claire Baker	Palatine, Illinois	Rollin David Cook	Ada, Michigan	Justin James Glick	Fort Wayne, Indiana
Alyssa Noelle Bakker	Zeeland, Michigan	Kelly Yoo Ran Cornell	Grand Ledge, Michigan	Kaitlin Lauren Goodman	East Lansing, Michigan
Sasha Balcazar	Holland, Michigan	Guy Michael Cotter	Naples, Florida	Helen Therese Grdina	Naperville, Illinois
Anna Ruth Balow	Grand Rapids, Michigan	Brian Edward Cowie	Park Ridge, Illinois	Channa Lyn Grebe	Petoskey, Michigan
Amy Michelle Banas	Fort Wayne, Indiana	Molly Anne Coyle	Holland, Michigan	Mitchell Todd Green	Hopkins, Michigan
Matthew Riley Barbour	Upper Arlington, Ohio	Alison Mary Coyne	Falmouth, Maine	Allison Elizabeth Greene	Bloomfield Hills, Michigan
Jourdin Renee Barkman	Davison, Michigan	Tyler Matthew Cronin	Livonia, Michigan	Megan Dolores Groh	Crystal Lake, Illinois
Erin Anne Barletta	Ann Arbor, Michigan	Troy Wesley Cruzen	Flint, Michigan	Jamieson William Haak	Okemos, Michigan
Michelle Kimberley Batts	Grand Rapids, Michigan	Jessica May Culbertson	Cary, Illinois	Kaitlin Joy Haan	Zeeland, Michigan
Kate Elizabeth Bauer	Marshall, Michigan	Emily Lorene Dalgleish	Appleton, Wisconsin	Aaron Paul Haecker	Winchester, Virginia
Kevin William Bauman	Grand Rapids, Michigan	Nikolis Giovanni D'Annunzio	Troy, Michigan	Susan Abbott Haigh	Carmel, Indiana
Jacqueline Olivia Baumeister	Hebron, Indiana	Skylar Danielle Darish	Troy, Michigan	Sabrina Donna Hakim	Rochester Hills, Michigan
Michelle Alma Beamer	Brighton, Michigan	Connor Robert Dault	Grand Haven, Michigan	Bradley Paul Hamilton	Lathrup Village, Michigan
Krystal Amber Bean	Whitehall, Michigan	Rebekah Ann Davenport	Granville, Ohio	Jihae Han	Seoul, Korea
Julie Elizabeth Beaumont	Chelsea, Michigan	Hayden Scott Davis	Stevensville, Michigan	Emily Marie Handy	Plainwell, Michigan
Jodi Kay Beckman	Shelby, Michigan	Eric Waldron Dawson	Midland, Michigan	Michael Robert Harbert	Willaimston, Michigan
Matthew Eric Benedict	Highland, Michigan	Kevin Edward Deane	Rochester Hills, Michigan	Michael Wayne Harper	Niles, Michigan
Brittany Katherine Berry	Grand Rapids, Michigan	Margaret F. Deaton	Glen Ellyn, Illinois	Danae Ruth Harris	Marysville, Michigan
Nicole Suzanne Beyer	Holland, Michigan	Gina Marie De Biasi	Plymouth, Michigan	Zada Helaine Harris	Kalamazoo, Michigan
Corey Joseph Bilodeau	Lansing, Michigan	William Daniel DeBoer	West Lafayette, Indiana	Sophia Elisabeth Hart	Ann Arbor, Michigan
Gregory Paul Bird	Byron Center, Michigan	Alexandra Paige DeFiore	Bloomfield Hills, Michigan	Kara Beth Hartman	Wickenburg, Arizona
Jillian Rose Black	Plymouth, Michigan	Eric MacDonald Deitering	Flushing, Michigan	Karen Louise Harvey	Silverdale, Washington
Grace Elizabeth Blank	Three Rivers, Michigan	Aiden Niklas de Jong	Holland, Michigan	Kian Gerald Hashemi-Rad	Edina, Minnesota
Rebekah Joy Blasen	Grand Rapids, Michigan	Matthias David DeJongh	Holland, Michigan	Rachelle Brianna Havenaar	Plainwell, Michigan
Ashley Marie Blauwkamp	Zeeland, Michigan	Dylan Russell DeLapa	Saint Joseph, Michigan	Jonathan Daniel Hayden	Park Ridge, Illinois
Andrew Jon Bloem	Rockford, Michigan	Allison Joy DeMaagd	Woodland, Michigan	Emily Joanne Hayes	Austin, Texas
Patrick Schuyler Bloemendaal	Holland, Michigan	Clare Susan DeVeau	Grand Haven, Michigan	Philip Thomas Haywood	Grand Rapids, Michigan
Nicholas Charles Blogin	Ann Arbor, Michigan	Daniel James DeVinney	Grand Rapids, Michigan	Christina Angela Noelle Heberer	West Bloomfield, Michigan
David Jon Blystra	Holland, Michigan	Sydney Charlotte DeVos	Ada, Michigan	Rikki Dyan Henderson	Wheaton, Illinois
Vincent Dimotres Boddy, Jr.	West Bloomfield, Michigan	Divya Rattan Dhaliwal	Northville, Michigan	Hannah Joy Heneveld	Zeeland, Michigan
Timothy Derick Bodine	Gurnee, Illinois	Santino Phillip Anthony DiCesare	Dorr, Michigan	Michael Timothy Henley	Lansing, Michigan
Kimberly Elizabeth Boerigter	Los Alamos, New Mexico	Wilford A. Dilbert	La Ceiba, Honduras	Kelsey Wells Herbert	Avon, Connecticut
Le'Fevre Christopher Dyvan Bolden	Philadelphia, Pennsylvania	Jordan Mario Dischinger-Smedes	Holland, Michigan	Jordan Christopher Herman	Midland, Michigan
Brittany Ariel Bootka	Rochester Hills, Michigan	Emily Sarah Dittmar	Highland, Michigan	Courtney Nicole Hester	Saint Joseph, Michigan
Kristina Nicole Bosch	Holland, Michigan	Nicole Kathleen Ditto	Granger, Indiana	Jennifer Sue Hielkema	Gahanna, Ohio
Hannah Collins Boshoven	Chelsea, Michigan	Richard Forrest Dodson	Kalamazoo, Michigan	Riley Dean Hoernschemeyer	Plymouth, Michigan
Mary Christine Bradley	Pierson, Michigan	David Gerald Dolfin	Hingham, Wisconsin	Cainnear Kingry Hogan	East Lansing, Michigan
MacKenzie Marie Brady	Walker, Michigan	Colleen Elizabeth Donahue	Wheaton, Illinois	Gloria Fasone Holder	Petoskey, Michigan
Cody Andrew Brant	Sylvania, Ohio	Jessica Anne Donnell	McLean, Virginia	Joshua David Holicki	Coldwater, Michigan
Julie Marie Brdicka	Naperville, Illinois	Michael Jay Dornbos	Holland, Michigan	Kaitlyn Rebecca Holmwood	Naperville, Illinois
Paige Elizabeth Brennecke	Wheaton, Illinois	Erin Elizabeth Drews	Elkhart, Indiana	Aubrey Faye Holzinger	Racine, Wisconsin
Elisabeth Shiloh Brewington	Cape Elizabeth, Maine	Joshua Michael Driesenga	Byron Center, Michigan	Rachel Eaton Honig	Fort Wayne, Indiana
Kelsi Ann Briegel	Whitehall, Michigan	Colin Patrick Drinkard	Bolingbrook, Illinois	Brendan Scott Hoshal	Okemos, Michigan
Micaela Erin Brillinger	Rockford, Michigan	Adam Kurtis Drooger	Holland, Michigan	Kathrine Lynn Houseman	Muskegon, Michigan
Anders William Broullire	Manistique, Michigan	Alexa Karynn Duimstra	Appleton, Wisconsin	Ellen Joy Houser	Libertyville, Illinois
Anne Elizabeth Brown	Saint Joseph, Michigan	Gabriel Thomas Dvorak	Corunna, Michigan	Alexandra Kathryn Hoyt	Niles, Michigan
Austin Hunter Brown	LaGrange, Indiana	Thaddaeus Daniel Dvorak	Corunna, Michigan	Nicholas Thomas Hubley	Fox River Grove, Illinois
Elizabeth Jean Brown	Ithaca, Michigan	Brooke Lauren Dykstra	Holland, Michigan	Lauren Rachelle Huisingh	Holland, Michigan
John Cowan Harrison Buchanan III	Evergreen, Colorado	Austin Scott Elling	Hudsonville, Michigan	Justin Bryan Hunsberger	Fennville, Michigan
Rebecca Leigh Budde	Holland, Michigan	Molly Susan Engle	Park Ridge, Illinois	Alexander James Hunt	Holland, Michigan
Brittany Ann Buikema	Woodridge, Illinois	Heather Margaret Englert	Minnetonka, Minnesota	Jacob Todd Hunt	Muskegon, Michigan
Adriane Paige Burmester	Burnsville, Minnesota	Laura Rose English	Greencastle, Indiana	Warren Bradley Hunt	Phoenix, Arizona

CANDIDATES FOR THE BACHELOR OF ARTS DEGREE

Jenna Lee Abnet . . . . .	Paw Paw, Michigan
Zachary Thomas Adams . . . . .	Plain City, Ohio
Kelly Catherine Adamson . . . . .	Traverse City, Michigan
Claudia Aguilera . . . . .	Holland, Michigan
Kathryn Marie Ahlgren . . . . .	Champaigne, Illinois
Megan Lynn Ahlquist . . . . .	Fort Gratiot, Michigan
Meredith Leigh Aja . . . . .	Rawerse City, Michigan
Demelza Alfonso . . . . .	Holland, Michigan
Natalie Anne Allardye . . . . .	Grandville, Michigan
Ieana Elizabeth Gayle Allen . . . . .	Dowagiac, Michigan
Marilyn Kate Allen . . . . .	Washington, District of Columbia
Dana Hope Almaraz . . . . .	Chino, California
Esmeralda Alvarez Aceves . . . . .	Chicago, Illinois
Carlie Marie Anderson . . . . .	Portage, Michigan
Natalie Jean Anderson . . . . .	Ada, Michigan
Karlen Frances Annett . . . . .	Bloomfield Hills, Michigan
Morgan Elyse Appell . . . . .	Midland, Michigan
Claudia Priscilla Armijo . . . . .	Holland, Michigan
Shelly Rance Arnold . . . . .	Holland, Michigan
Michael Francis Atwell . . . . .	Geneseo, Illinois
Julia Katherine Austin . . . . .	Grandville, Michigan
Nathan Russell Axdorf . . . . .	Grand Rapids, Michigan
Christopher Michael Axer, Jr. . . . .	Howell, Michigan
Kelsey Claire Baker . . . . .	Palatine, Illinois
Alyssa Noelle Bakker . . . . .	Zeeland, Michigan
Sasha Balcazar . . . . .	Holland, Michigan
Anna Ruth Balow . . . . .	Grand Rapids, Michigan
Amy Michelle Banas . . . . .	Fort Wayne, Indiana
Matthew Riley Barbour . . . . .	Upper Arlington, Ohio
Jourdin Renee Barkman . . . . .	Davison, Michigan
Erin Anne Barletta . . . . .	Ann Arbor, Michigan
Michelle Kimberley Bans . . . . .	Grand Rapids, Michigan
Kate Elizabeth Bauer . . . . .	Marshall, Michigan
Kevin William Bauman . . . . .	Grand Rapids, Michigan
Jacqueline Olivia Baumeister . . . . .	Hebron, Indiana
Nichelle Alma Beamer . . . . .	Brighton, Michigan

Krystal Amber Bean . . . . .	Whitehall, Michigan
Julie Elizabeth Beaumont . . . . .	Chelsea, Michigan
Jodi Kay Beckman . . . . .	Shelby, Michigan
Matthew Eric Benedict . . . . .	Highland, Michigan
Brittany Katherine Berry . . . . .	Grand Rapids, Michigan
Nicole Suzanne Beyer . . . . .	Holland, Michigan
Lorey Joseph Bilodeau . . . . .	Michigan
Gregory Paul Bird . . . . .	Byron Center, Michigan
Jillian Rose Black . . . . .	Plymouth, Michigan
Grace Elizabeth Blank . . . . .	Three Rivers, Michigan
Rebekah Joy Blasen . . . . .	Grand Rapids, Michigan
Ashley Marie Blaukamp . . . . .	Zeeland, Michigan
Andrew Jon Bloem . . . . .	Rochester, Michigan
Patrick Schuyler Bloemendaal . . . . .	Holland, Michigan
Nicholas Charles Blogin . . . . .	Ann Arbor, Michigan
David Jon Blystra . . . . .	Holland, Michigan
Timothy Derick Bodine . . . . .	Gurnee, Illinois
Kimberly Elizabeth Boerigter . . . . .	Los Alamos, New Mexico
11?ch Christopher Dyvan Bolden . . .	Philadelphia, Pennsylvania
Brittany Ariel Bootka . . . . .	Rochester Hills,
Kristina Nicole Bosch . . . . .	I . . . . . Holland, Michigan
Hannah Collins Boshoven . . . . .	v . . . . . Chelsea, Michigan
Mary Christine Bradley . . . . .	_. Pierson, Michigan
MacKenzie Marie Brady . . . . .	Waukegan, Illinois
Cody Andrew Brant . . . . .	Sylvania, Ohio
Julie Marie Brdicka . . . . .	Naperville, Illinois
Paige Elizabeth Brennecke . . . . .	Wheaton, Illinois
Elisabeth Shiloh Brewington . . . . .	t . . . . . Cape Elizabeth, Maine
Kelsi Ann Briegel . . . . .	Whitehall, Michigan
Micaela Erin Brillinger . . . . .	Rochester, Michigan
Anders William Broullire . . . . .	Manistique, Michigan
Anne Elizabeth Brown . . . . .	Saint Joseph, Michigan
Austin Hunter Brown . . . . .	LaGrange, Indiana
Elizabeth Jean Brown . . . . .	Ithaca, Michigan
John Cowan Harrison Buchanan Hl . . . . .	, Evergreen, Colorado
Rebecca Leigh Budde . . . . .	Holland, Michigan
Brittany Ann Buikema . . . . .	Woodridge, Illinois
Adriane Paige Burmester . . . . .	Burnsville, Minnesota

Google Maps APIs | Google

Guillermo

https://developers.google.com/maps/     

# Google Developers

Search

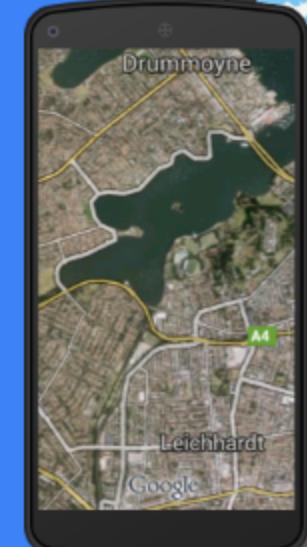
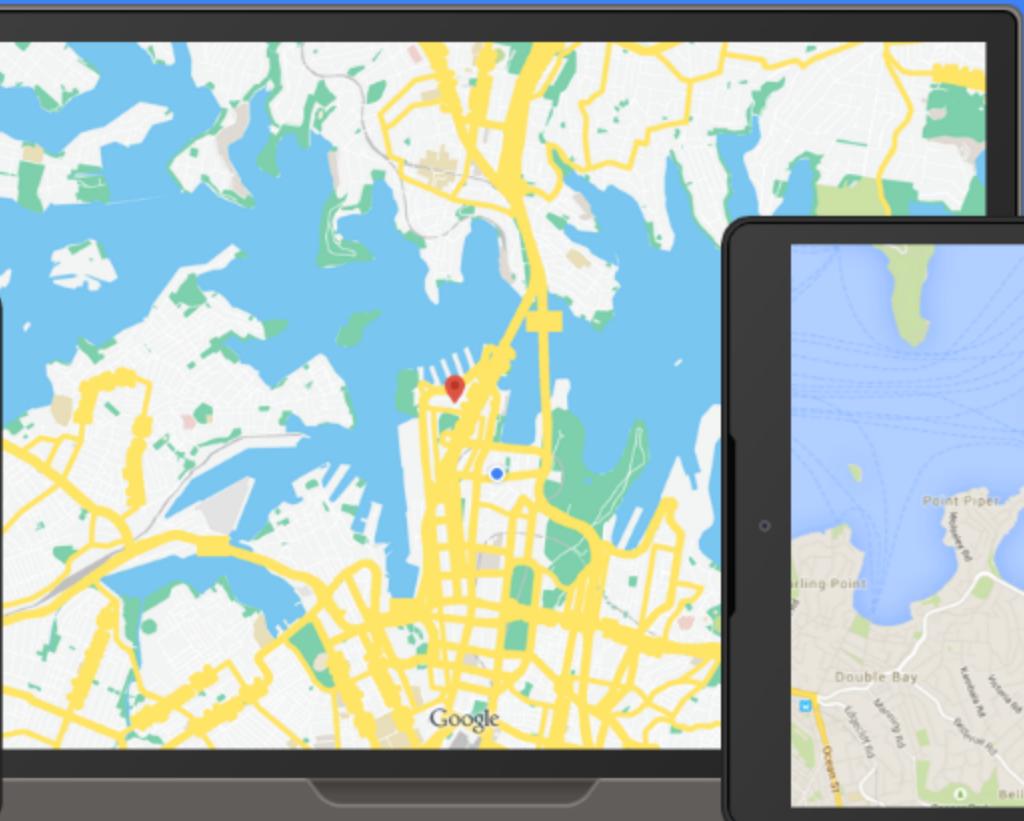
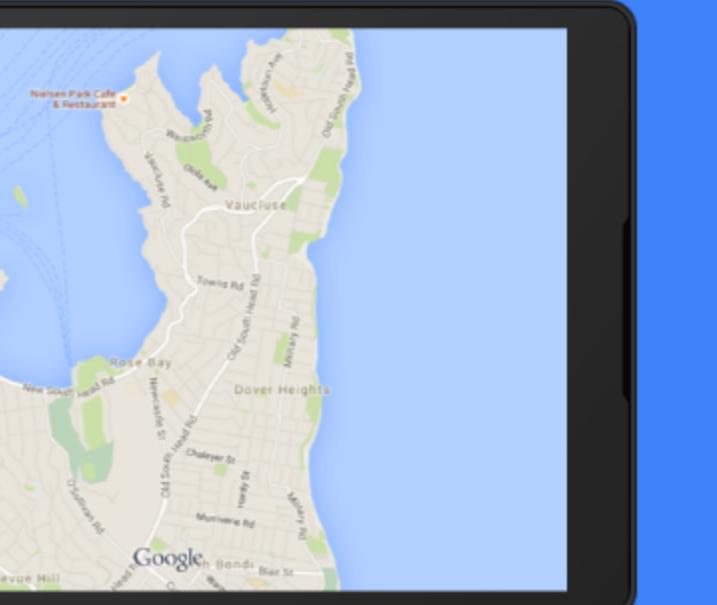
guillermo.rangel@hope.edu  
Change account | Sign out

Products > Google Maps APIs

## Google Maps APIs

Millions of websites and apps use Google Maps APIs to power location experiences for their users.

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[SEND FEEDBACK](#)

## Google Maps for every platform

Google Maps APIs are available for Android, iOS, web browsers and via HTTP web services.

[GET STARTED](#)



Android



iOS



Web



Web services

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https://developers.google.com/maps/

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Products > Google Maps APIs

# Google Maps APIs

Millions of websites and apps use Google Maps APIs to power location experiences for their users.



<http://maps.googleapis.com/maps/api/geocode/json?address=holland+michigan>

SEND FEEDBACK

## Google Maps for every platform

Google Maps APIs are available for Android, iOS, web browsers and via HTTP web services.

GET STARTED



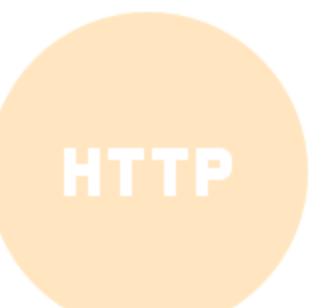
Android



iOS



Web



HTTP

Web services

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          "short_name" : "Holland",  
          "types" : [ "locality", "political" ]  
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        {  
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          "short_name" : "Ottawa County",  
          "types" : [ "administrative_area_level_2", "political" ]  
        },  
        {  
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          "short_name" : "MI",  
          "types" : [ "administrative_area_level_1", "political" ]  
        },  
        {  
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      "geometry" : {  
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            "lat" : 42.80256680000001,  
            "lng" : -86.0470248  
          },  
          "southwest" : {  
            "lat" : 42.7293419,  
            "lng" : -86.166938  
          }  
        },  
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          "lng" : -86.10893009999999  
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        "viewport" : {  
          "northeast" : {  
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            "lng" : -86.0470248  
          },  
          "southwest" : {  
            "lat" : 42.7293419,  
            "lng" : -86.166938  
          }  
        },  
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        "types" : [ "locality", "political" ]  
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    "status" : "OK"  
  }  
}
```

#		8073 Lincoln	10000 Delaware	12059 Holmes	#
8000	Colorado	8075 Logan	10001 Kent	12061 Indian River	13000 Georgia
8001	Adams	8077 Mesa	10003 New Castle	12063 Jackson	13001 Appling
8003	Alamosa	8079 Mineral	10005 Sussex	12065 Jefferson	13003 Atkinson
8005	Arapahoe	8081 Moffat	#	12067 Lafayette	13005 Bacon
8007	Archuleta	8083 Montezuma	11000 District of Columbia	12069 Lake	13007 Baker
8009	Baca	8085 Montrose	11001 District of Columbia	12071 Lee	13009 Baldwin
8011	Bent	8087 Morgan	#	12073 Leon	13011 Banks
8013	Boulder	8089 Otero	12000 Florida	12075 Levy	13013 Barrow
8015	Chaffee	8091 Ouray	12001 Alachua	12077 Liberty	13015 Bartow
8017	Cheyenne	8093 Park	12003 Baker	12079 Madison	13017 Ben Hill
8019	Clear Creek	8095 Phillips	12005 Bay	12081 Manatee	13019 Berrien
8021	Conejos	8097 Pitkin	12007 Bradford	12083 Marion	13021 Bibb
8023	Costilla	8099 Prowers	12009 Brevard	12085 Martin	13023 Bleckley
8025	Crowley	8101 Pueblo	12011 Broward	12087 Monroe	13025 Brantley
8027	Custer	8103 Rio Blanco	12013 Calhoun	12089 Nassau	13027 Brooks
8029	Delta	8105 Rio Grande	12015 Charlotte	12091 Okaloosa	13029 Bryan
8031	Denver	8107 Routt	12017 Citrus	12093 Okeechobee	13031 Bulloch
8033	Dolores	8109 Saguache	12019 Clay	12095 Orange	13033 Burke
8035	Douglas	8111 San Juan	12021 Collier	12097 Osceola	13035 Butts
8037	Eagle	8113 San Miguel	12023 Columbia	12099 Palm Beach	13037 Calhoun
8039	Elbert	8115 Sedgwick	12025 Dade	12101 Pasco	13039 Camden
8041	El Paso	8117 Summit	12027 De Soto	12103 Pinellas	13043 Candler
8043	Fremont	8119 Teller	12029 Dixie	12105 Polk	13045 Carroll
8045	Garfield	8121 Washington	12031 Duval	12107 Putnam	13047 Catoosa
8047	Gilpin	8123 Weld	12033 Escambia	12109 St. Johns	13049 Charlton
8049	Grand	8125 Yuma	12035 Flagler	12111 St. Lucie	13051 Chatham
8051	Gunnison	#	12037 Franklin	12113 Santa Rosa	13053 Chattahoochee
8053	Hinsdale	9000 Connecticut	12039 Gadsden	12115 Sarasota	13055 Chattooga
8055	Huerfano	9001 Fairfield	12041 Gilchrist	12117 Seminole	13057 Cherokee
8057	Jackson	9003 Hartford	12043 Glades	12119 Sumter	13059 Clarke
8059	Jefferson	9005 Litchfield	12045 Gulf	12121 Suwannee	13061 Clay
8061	Kiowa	9007 Middlesex	12047 Hamilton	12123 Taylor	13063 Clayton
8063	Kit Carson	9009 New Haven	12049 Hardee	12125 Union	13065 Clinch
8065	Lake	9011 New London	12051 Hendry	12127 Volusia	13067 Cobb
8067	La Plata	9013 Tolland	12053 Hernando	12129 Wakulla	13069 Coffee
8069	Larimer	9015 Windham	12055 Highlands	12131 Walton	13071 Colquitt
8071	Las Animas	#	12057 Hillsborough	12133 Washington	13073 Columbia



Aha!

```
{  
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        "cityName" : {  
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            "countyName" : "<api response>",  
            "countyID" : <int>  
        },  
        "cityName" : {  
            "count" : <int>,  
            "countyName" : "<api response>",  
            "countyID" : <int>  
        }  
    },  
    "stateName" : {  
        "cityName" : {  
            "count" : <int>,  
            "countyName" : "<api response>",  
            "countyID" : <int>  
        },  
        "cityName" : {  
            "count" : <int>,  
            "countyName" : "<api response>",  
            "countyID" : <int>  
        }  
    }  
    ...  
}
```



# Google API

## *Request Limits*



# Google API

*Correct Spelling*



# *Error Handling*



A wide-angle photograph of a large stadium or arena. The foreground is filled with the backs of many spectators' heads, showing a diverse crowd. In the middle ground, the green grass of a football field is visible with white yard lines. The background features multiple levels of stadium seating filled with people, and various structures like concession stands and flags are visible at the top of the image.

# Results

A wide-angle photograph of a large stadium or arena. The foreground is filled with the backs of many spectators' heads, showing a diverse crowd. In the middle ground, the green grass of a football field is visible, marked with white yard lines. The background features multiple levels of stadium seating, all packed with people, under a clear blue sky.

*Midwest*

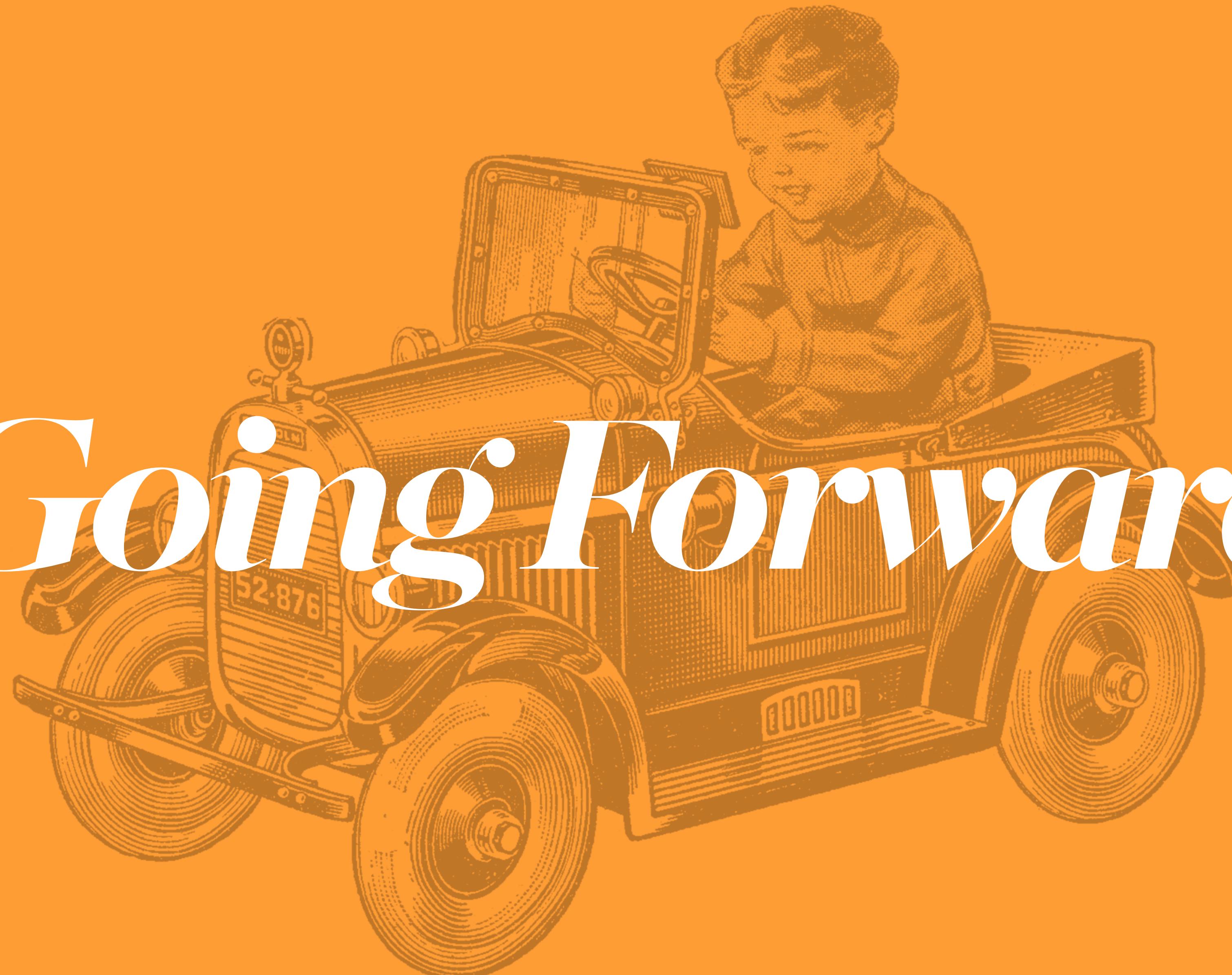
A wide-angle photograph of a large stadium or arena. The foreground is filled with the backs of many spectators' heads, creating a dense, dark texture. In the middle ground, the green grass of the field is visible with white yard lines. The background shows multiple levels of stadium seating filled with people. A small, dark rectangular area is visible in the top right corner.

$\sim 16\%$

A wide-angle photograph of a large stadium or arena. The foreground is filled with the backs of many spectators' heads, creating a dense, textured pattern. The stadium seating rises in multiple tiers, packed with people. In the background, a large building with multiple arched windows is visible, along with some trees and a clear sky.

*Expanding*

# *Going Forward*



# *Better Data*



# *Academic Majors*



# *Repurpose Data*



A large outdoor graduation ceremony is taking place. In the foreground, a dense crowd of graduates wearing black caps and gowns is seated in rows. Many graduates are looking towards the camera or the stage. Above the crowd, numerous black graduation caps are suspended in the air, having been thrown into the sky by the graduates. The background shows a stadium-style seating area with many empty seats, some trees, and a tall light pole. The overall atmosphere is celebratory and festive.

*Thanks*