

# Cartoview

## Apps for GeoNode

### GeoNode Summit 2020



**Web App Builder**  
Configure a map with multiple components, based on Boundless SDK.

[Explore](#) [Create New](#)



**Dashboard**  
Create your Geo Dashboard using your maps and layers.

[Explore](#) [Create New](#)



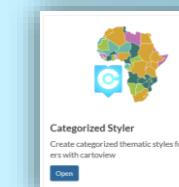
**Point In Polygon Analysis Tool**  
Compute statistics for the distribution of a given attribute in a set of layers.

[Open](#)



**Basic Viewer**  
General purpose map viewer with only the essential components for raw WMS.

[Explore](#) [Create New](#)



**Categorized Styler**  
Create categorized thematic styles for WMS layers with cartoview

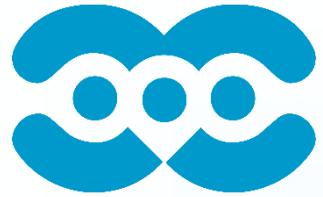
[Open](#)



**Feature List**  
Map and configurable feature list side by side.

[Explore](#) [Create New](#)





# CartoLogic

GIS Application Development Company established 2006

AHMED OSMAN

General Manager

# What is CartoView?

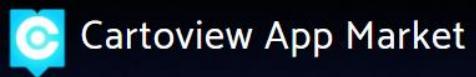


A custom Django project for GeoNode  
APPS for a Standard GeoNode



open source

# What is CartoView?



Mapping Apps for GeoNode.

**Simple Map Viewer**  
General purpose map viewer with only the essential components for na More  
  
Downloads: 1  
Developer : Cartologic

**Feature List Viewer**  
Map and configurable feature list side by side. Map and feature list a More  
  
Downloads: 8  
Developer : Cartologic

**Marker Edit**  
Create new point features. Assign images  
  
Downloads: 27  
Developer : Cartologic

**GeoTask Manager**  
Field WorkForce and Management Application With Geo Task Manager More  
  
Downloads: 13  
Developer : Cartologic

**Gallery**

**Charts Viewer**

**Summary Viewer**

**Time Data Viewer**

Sync apps to all portals  
Install App at Run-Time

Geospatial P  
lications and Information Technology Commission (GIS) resources and

Egypt Geospatial  
geographic information system (GIS)

CartoView  
App Store



# Why CartoView?



Quickly Transform data to compelling Apps

Control over app content and presentation

Very easy to get started

Extensible to build and distribute your work



open source

# Why CartoView?



Our Goal is to get you started easy and fast with your GIS Experience

- Appstore to install and update
- GeoNode installer on windows



open source

# Installation



cartoview.net



Install with Existing GeoNode



Install CartoView On Windows



Docker install

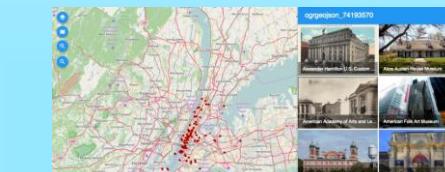
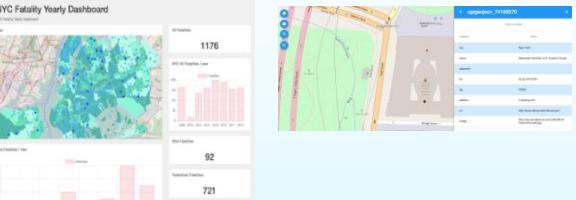


CartoView Project Template

Cartoview



# Data Driven Web Apps



Data >>> Apps



4. Create App

1. Register

2. Upload

3. Create Map

Content

Experience



Cartoview

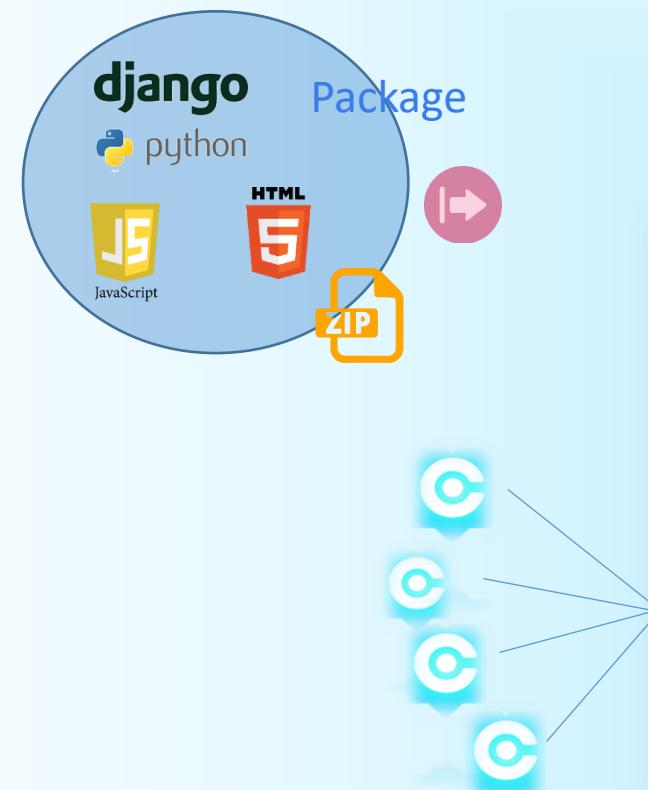




# Developer Experience



- 1 App Template on GitHub
- 2 Fork and Develop Apps
- 3 Write your code
- 4 Run on your own Server
- 5 Upload To App to Store



Make your app available to all portals

The screenshot shows the Cartoview App Market interface. At the top, there's a navigation bar with 'USER : ADMIN', 'DEMO', 'DOCS', and 'MY APPS'. The main title is 'Cartoview App Market' with a subtitle 'Manage your Applications'. Below this is a table of applications:

	App Name	Latest Version	Status
VERSIONS	Simple Map Viewer	Add New Version Edit 1.5.5 Approved	
VERSIONS	Feature List Viewer	Add New Version Edit 1.2.2 Approved	
VERSIONS	Marker Edit	Add New Version Edit 1.0.7 Approved	
VERSIONS	GeoTask Manager	Add New Version Edit 1.0.1 Approved	

Below this is another section titled 'App Releases' with a table:

Version	Build Number	Cartoview Version	Package
1.0	1	1.00	Download
1.1	2	1.00	Download
1.2	3	1.00	Download
1.3	3	1.00	Download
1.4	4	1.00	Download
1.5	5	1.00	Download
1.5.1	8	1.00	Download
1.5.2	9	1.00	Download

At the bottom, there are three small screenshots of different map applications: a dashboard, a map of Canada, and a map of San Francisco.



# Administrator Experience

Django administration

Home > App\_Manager

## App\_Manager administration

APP\_MANAGER

- App instances [+ Add](#) [Change](#)
- App stores [+ Add](#) [Change](#)
- App tags [+ Add](#) [Change](#)
- Apps [+ Add](#) [Change](#)

Django administration

Home > App\_Manager > App instances

### Select app instance to change

Action: -----

- APP INSTANCE
- nyc\_bike\_racing\_pnp\_nyc\_sectors\_map
- Los\_Angeles\_Collision\_Map\_2009
- NYC\_TRUCK\_VIOLATIONS\_AND\_AREA\_PER
- NYC Traffic Data\_Catalog\_year\_2016

LIVE MAP

- NYC Traffic Dashboard 2016 | Truck route v
- NYC\_Traffic\_Complaints

Cartoview Apps Data Maps About

Search Admin User

Reorder Installed Apps

Search for an App

Search

 CMS

Content Management System for Cartoview

[X Uninstall](#) [Suspend](#)

Rating: 5 / 5  
Latest Version: v2.0.1  
Installed Version: v2.0.1

Installations: 98 By Cartologic

 ArcGIS Importer

Cartoview app to import arcgis feature layer into PostGIS Layer and add to geoserver and geonode.

[X Uninstall](#) [Suspend](#)

Rating: 0 / 5  
Latest Version: v0.1.7  
Installed Version: v0.1.7

Installations: 54 By cartologic

 Data Manager

Data Manager

[X Uninstall](#) [Suspend](#)

Rating: 0 / 5  
Latest Version: v0.13.0  
Installed Version: v0.13.0

Installations: 150 By cartologic

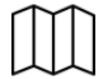
 Swipe

Swipe Tool

[X Uninstall](#) [Suspend](#)

Rating: 0 / 5  
Latest Version: v1.2  
Installed Version: v1.2

Installations: 286 By Cartologic

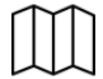
 Buffer Analysis Tool

Takes a feature collection and applies a buffer to each feature. The buffer distance can be a fixed value for all features, a

[X Uninstall](#) [Suspend](#)

Rating: 0 / 5  
Latest Version: v1.2  
Installed Version: v1.2

Installations: 286 By Cartologic

 Basic Viewer

General purpose map viewer with only the essential components for navigation and display. Optimized for mobile.

Cartoview

## Admin Experience

### App Management

#### ! Server Restart Required

In order to have the effect of the recently installed apps please restart the server.

Please notice:

1. This may take several minutes
2. The server will drop all the connections and tasks during the restart
3. Ask the administrator to restart GeoNode Service if the app does not appear in the installed apps

 Restart Server[Reorder Installed Apps](#)[Search](#)**CMS**

Content Management System for Cartoview

[!\[\]\(e1b16c13bcd52dc325631a487504acd8\_img.jpg\) Uninstall](#)[!\[\]\(8b0df947fc35abe90e1af49cf6879fdd\_img.jpg\) Suspend](#)

Rating: 5 / 5

Latest Version: v2.0.1

Installed Version: v2.0.1

Installations: 98

*By Cartologic*

**ArcGIS Importer**

Cartoview app to import arcgis feature layer into PostGIS Layer and add to geoserver and geonode.

[!\[\]\(0c4684cf736295b3a7ec5e4c4bebbd57\_img.jpg\) Uninstall](#)[!\[\]\(b71b9fb440a69b59a64624b2981aa3b4\_img.jpg\) Suspend](#)

Rating: 0 / 5

Latest Version: v0.1.7

Installed Version: v0.1.7

Installations: 54

*By cartologic*

**Data Manager**

Data Manager

**Swipe**

Swipe Tool



## Admin Experience

## App Management



### Point in Polygon

computes statistics for the distribution of a given attribute in a set of polygonal zones for point layer & save the result in a new geonode/geoserver... [Full Description](#)

 [Uninstall](#) [Suspend](#)

Rating: 5 / 5

Latest Version: v1.6.5

Installed Version: v1.6.5

Installations: 199

By [cartologic](#)

### Heatmap Styler

Create heatmap style for point layers. Creates geoserver SLD. The SLD will be published in the geonode layer info page

 [Uninstall](#) [Suspend](#)

Rating: 0 / 5

Latest Version: v1.4.2

Installed Version: v1.4.2

Installations: 191

By [Cartologic](#)

### Categorized Thematic Styler

Create Layer style by category. Creates geoserver SLD. The SLD will be published in the geonode layer info page

 [Uninstall](#) [Suspend](#)

Rating: 0 / 5

Latest Version: v1.4.2

Installed Version: v1.4.2

Installations: 200

By [Cartologic](#) [Install](#)

Rating: 0 / 5

Latest Version: v1.4.2

Installed Version: v

Installations: 175

By [Cartologic](#)

### Dashboard

Create a custom dashboard with a variety of components; maps, charts, summaries, and entity details. Dashboards are powered by Geoserver WPS.

 [Uninstall](#) [Suspend](#)

Rating: 5 / 5

Latest Version: v1.4.9

Installed Version: v1.4.9

Installations: 817

By [Cartologic](#)

## Admin Experience

### App Management

 **Cartoview** Apps Data Maps About

Search  Admin Use



#### Point in Polygon

computes statistics for the distribution of a given attribute in a set of polygonal zones for point layer & save the result in a new geonode/geoserver... [Full Description](#)

Rating: 5 / 5      Installations: 199  
Latest Version: v1.6.5      By cartologic  
Installed Version: v1.6.5



#### Heatmap Styler

Create heatmap style for point layers. Creates geoserver SLD. The SLD will be published in the geonode layer info page

Rating: 0 / 5      Installations: 191  
Latest Version: v1.4.2      By Cartologic  
Installed Version: v1.4.2



#### Categorized Thematic Styler

Create Layer style by category. Creates geoserver SLD. The SLD will be published in the geonode layer info page

Rating: 0 / 5      Installations: 200  
Latest Version: v1.4.2      By Cartologic  
Installed Version: v1.4.2



#### Graduated Thematic Styler

Create Layer color range graduated value style. Creates geoserver SLD. The SLD will be published in the geonode layer info page

 **Restarting Server is required**

Rating: 0 / 5      Installations: 175  
Latest Version: v1.4.2      By Cartologic  
Installed Version: v1.4.2



#### Dashboard

Create a custom dashboard with a variety of components; maps, charts, summaries, and entity details. Dashboards are powered by Geoserver WPS.

Rating: 5 / 5      Installations: 817  
Latest Version: v1.4.9      By Cartologic  
Installed Version: v1.4.9

Cartoview





# User Experience

## APP Launcher Page

Multi Instance

Single Function

The screenshot shows the Cartoview APP Launcher Page. At the top, there's a navigation bar with the Cartoview logo, a search bar, and an 'Admin User' dropdown. Below the navigation, a section titled 'Explore Apps' displays a grid of eight app cards:

- Data Manager**: Data Manager. Includes an icon of a database with a gear, an 'Open' button, and a 'Create new' button.
- ArcGIS Importer**: Cartoview app to import arcgis feature layer into PostGIS ... More. Includes an icon of a globe with a map, an 'Open' button, and a 'Create new' button.
- CMS**: Content Management System for Cartoview. Includes an icon of a hand holding a play button over a map, an 'Explore 0' button, and a 'Create new' button.
- Basic Viewer**: General purpose map viewer with only the essential components ... More. Includes an icon of three overlapping maps, an 'Explore 3' button, and a 'Create new' button.
- Swipe**: Swipe Tool. Includes an icon of a hand performing a swipe gesture, an 'Explore 1' button, and a 'Create new' button.
- Dashboard**: Create a custom dashboard with a variety of components; ... More. Includes an icon of a dashboard with charts and graphs, an 'Explore 1' button, and a 'Create new' button.
- Point in Polygon**: computes statistics for the distribution of a given attribute ... More. Includes an icon of a network graph, an 'Open' button, and a 'Create new' button.
- Categorized Thematic Styler**: Create Layer style by category. Creates geoserver SLD. The ... More. Includes an icon of a map with colored regions, an 'Open' button, and a 'Create new' button.

Cartoview





# User Experience

## GeoNode Resources

# Maps/Layers/Documents/APPs

**Cartoview** Apps Data Maps About Search Admin User Create New

### Basic Viewer

Total: 3

Selected Objects  
Add objects through the "checkboxes".  
Set permissions

Filters Clear

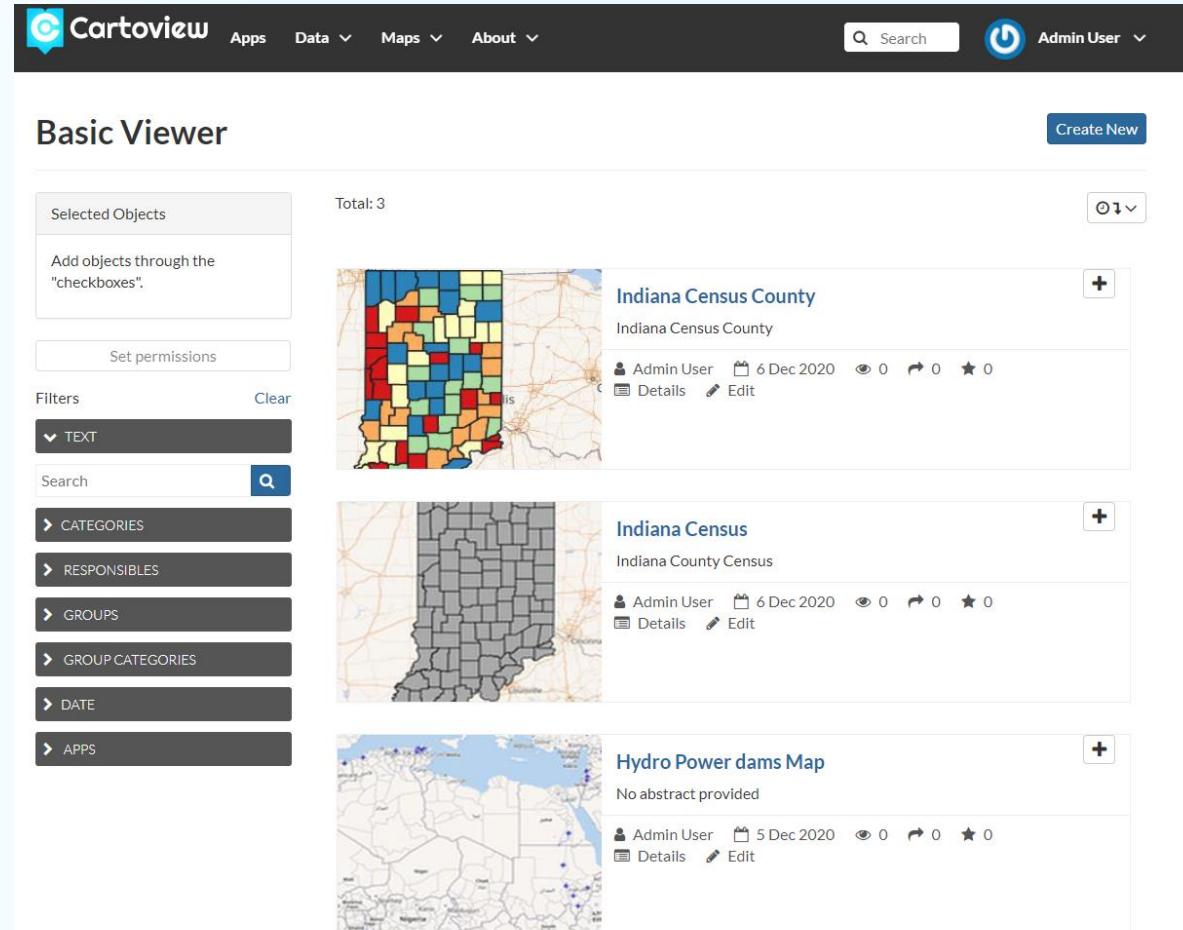
TEXT Search

CATEGORIES RESPONSIBLES GROUPS GROUP CATEGORIES DATE APPS

**Indiana Census County**  
Indiana Census County  
Admin User 6 Dec 2020 0 0 0 0  
Details Edit

**Indiana Census**  
Indiana County Census  
Admin User 6 Dec 2020 0 0 0 0  
Details Edit

**Hydro Power dams Map**  
No abstract provided  
Admin User 5 Dec 2020 0 0 0 0  
Details Edit



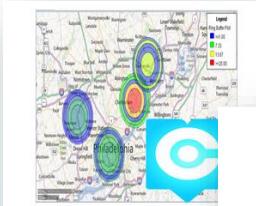


# User Experience

## Map Viewers



**WebApp Builder**  
Configure a map with multiple components, based on Boundless SDK.



**Buffer Analysis Tool**  
Takes a feature collection and applies a buffer to each feature. The b More



**Point in Polygon**  
computes statistics for the distribution of a given attribute in a set More

## Content Management



**CartoView Geo Blog**  
Create a blog page with apps, publish your app(s) as a blog entry, al More



**News**  
Publish and read news feeds



**Gallery**  
Create single responsive page catalog with content, maps, layers, apps More

## Data Management



**fgdb2postGIS**  
Migrate data from file geodatabase to postGIS



**CartoServer**  
CartoView ArcGIS Feature Server implements A

## Field Work



**GeoCollect**  
collect XY Location and associate Attributes and Images. Work Field Cr More



**GeoTask Manager**  
Field WorkForce and Task Management Application. With Geo Task Manager



## App Groups

**Feature List View**  
Map and configurable feature list side by side. Map and feature list a More

**Public Information Map**  
Showcase social media on a map for public information. Built on ArcGIS More

**WebApp Builder**  
Configure a map with multiple components, based on Boundless SDK.

## Analysis

## Report



**CartoView Dashboard**  
Create dashboard with chart, summary, identify dashboard com More



**Buffer Analysis Tool**  
Takes a feature collection and applies a buffer to each feature. The b More

**Point in Polygon**  
computes statistics for the distribution of a given attribute in a set More

## Content Management

## Analysis

## Report

## Field Work

## App Groups

## Analysis

## Report

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## Field Work

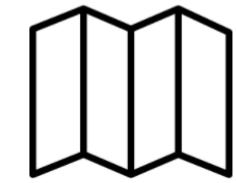
## App Groups

## Analysis

## Report</h

## User Experience

### Map Viewers



Basic Viewer

General purpose map viewer with  
only the essential components ...  
[More](#)

[Explore 1](#)

[Create new](#)

## Basic Viewer

[Create New](#)

### Selected Objects

Add objects through the  
"checkboxes".

[Set permissions](#)

Filters

[Clear](#)

▼ TEXT

Search



► CATEGORIES

► RESPONSIBLES

► GROUPS

► GROUP CATEGORIES

► DATE

► APPS

Total: 1



### Hydro Power dams Map

No abstract provided

Admin User

5 Dec 2020

0

0

0

[Details](#)

[Edit](#)

◀ page 1 of 1 ▶

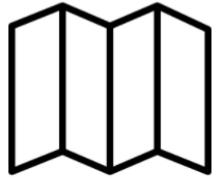
Cartoview





## User Experience

### Map Viewers



#### Basic Viewer

General purpose map viewer with  
only the essential components ...  
[More](#)

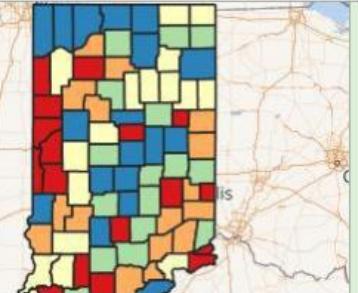
[Explore 1](#)[Create new](#)

## BasicViewer

[Save](#)

### Select Map

- General
- Access Configuration
- Bookmarks
- GeoCoding
- Navigation Tools

 Search by title My Maps  All Maps

#### Indiana Census County

Indiana Census County

owner: admin

[Details](#)

#### Indiana Census

Indiana County Census

owner: admin

[Details](#)

#### Hydro Power Dams

owner: admin

[Details](#)

# Cartoview



## User Experience

### Map Viewers

The screenshot shows the Cartoview interface for configuring a 'BasicViewer' application. The top navigation bar includes links for 'Apps', 'Data', 'Maps', and 'About'. On the right, there's a search bar and an 'Admin User' dropdown. The main content area has a title 'BasicViewer' with a 'Save' button. A sidebar on the left lists configuration sections: 'Select Map', 'General' (which is selected and highlighted in blue), 'Access Configuration', 'Bookmarks', 'GeoCoding', and 'Navigation Tools'. The 'General' section contains fields for 'App Title' (set to 'Indiana Census County') and 'Abstract (optional)' (also set to 'Indiana Census County'). Below these is a 'Keywords' field with a placeholder 'Select or Enter a Keyword'.

Basic Viewer

General purpose map viewer with only the essential components ...  
More

Explore 1 Create new

# BasicViewer

Save

Select Map

General

Access Configuration

Bookmarks

GeoCoding

Navigation Tools

## General Configuration

App Title

Indiana Census County

Abstract (optional)

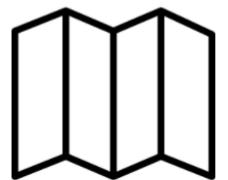
Indiana Census County

Keywords

Select or Enter a Keyword

## User Experience

### Map Viewers



Basic Viewer

General purpose map viewer with  
only the essential components ...  
[More](#)

[Explore 1](#)

[Create new](#)

The screenshot shows the Cartoview interface for managing a 'BasicViewer' map. The top navigation bar includes the Cartoview logo, 'Apps', 'Data', 'Maps', 'About', a search bar, and an 'Admin User' dropdown. The main title is 'BasicViewer'. On the left, a sidebar menu lists 'Select Map', 'General' (which is selected), 'Access Configuration' (highlighted in blue), 'Bookmarks', 'GeoCoding', and 'Navigation Tools'. The right panel is titled 'Access Configuration' and contains four optional configuration sections: 'Who can view (optional)', 'Who can change metadata (optional)', 'Who can delete (optional)', and 'Who can change configuration (optional)', each with a dropdown menu for selecting users or leaving empty for anyone.

**Cartoview** Apps Data Maps About

Search Admin User

# BasicViewer

Save View

Select Map

General

Access Configuration

Bookmarks

GeoCoding

Navigation Tools

## Access Configuration

Who can view (optional)

Select Users or empty for anyone

Who can change metadata (optional)

Select Users or empty for owner(you) only

Who can delete (optional)

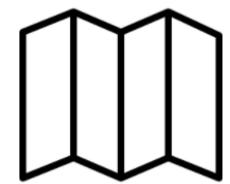
Select Users or empty for owner(you) only

Who can change configuration (optional)

Select Users or empty for owner(you) only

## User Experience

### Map Viewers



Basic Viewer

General purpose map viewer with  
only the essential components ...

More

Explore 1

Create new

**Cartoview** Apps Data Maps About Search Admin User

# BasicViewer

?

Save View

Select Map

General

Access Configuration

**Bookmarks**

GeoCoding

Navigation Tools

## Bookmarks

5000 km

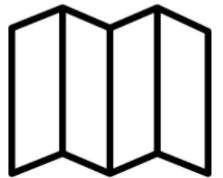
Hide Map

add Bookmark

Summit2020.cartoview.net

## User Experience

### Map Viewers



Basic Viewer

General purpose map viewer with  
only the essential components ...  
[More](#)

[Explore 1](#)

[Create new](#)

The header features the Cartoview logo (a blue speech bubble with a white 'C'), followed by the word 'Cartoview' in white. To the right are four dropdown menus: 'Apps', 'Data', 'Maps', and 'About'. On the far right is a search bar with a magnifying glass icon and the word 'Search', and an 'Admin User' dropdown with a power icon.

## BasicViewer



[Save](#)

[View](#)

[Select Map](#)

[General](#)

[Access Configuration](#)

[Bookmarks](#)

[GeoCoding](#)

[Navigation Tools](#)

### Navigation Tools

Enable history

Enable feature table

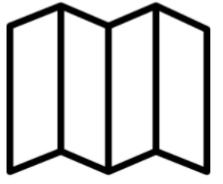
Layer Switcher

Show export map

Legend

# User Experience

## Map Viewers



### Basic Viewer

General purpose map viewer with  
only the essential components...

More

Explore 1

Create new

← → ⌂ [summit2020.cartoview.net/apps/cartoview\\_basic\\_viewer/17/view/#/-10153308.183210727/4487457.855853235/-9038550.562699717/5232260](https://summit2020.cartoview.net/apps/cartoview_basic_viewer/17/view/#/-10153308.183210727/4487457.855853235/-9038550.562699717/5232260)

≡ Search(Geocoding)....

- Home
- Layers
- Legend
- Base Maps
- Bookmarks
- Print Tools
- Query
- Set Thumbnail
- About

The map displays a spatial distribution of data across the Chicago metropolitan region. The data is represented by colored polygons, where each polygon corresponds to a county or county-equivalent entity. The colors range from red (representing lower values) through orange, yellow, and green to blue (representing higher values). The highest values appear to be concentrated in the northern and western parts of the region, while lower values are more prevalent in the southern and eastern areas. Major cities like Chicago, Evanston, and Joliet are labeled on the map.

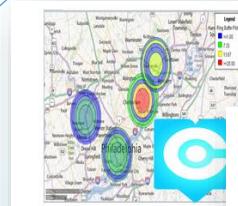


# User Experience



**WebApp Builder**  
Configure a map with multiple components, based on Boundless SDK.

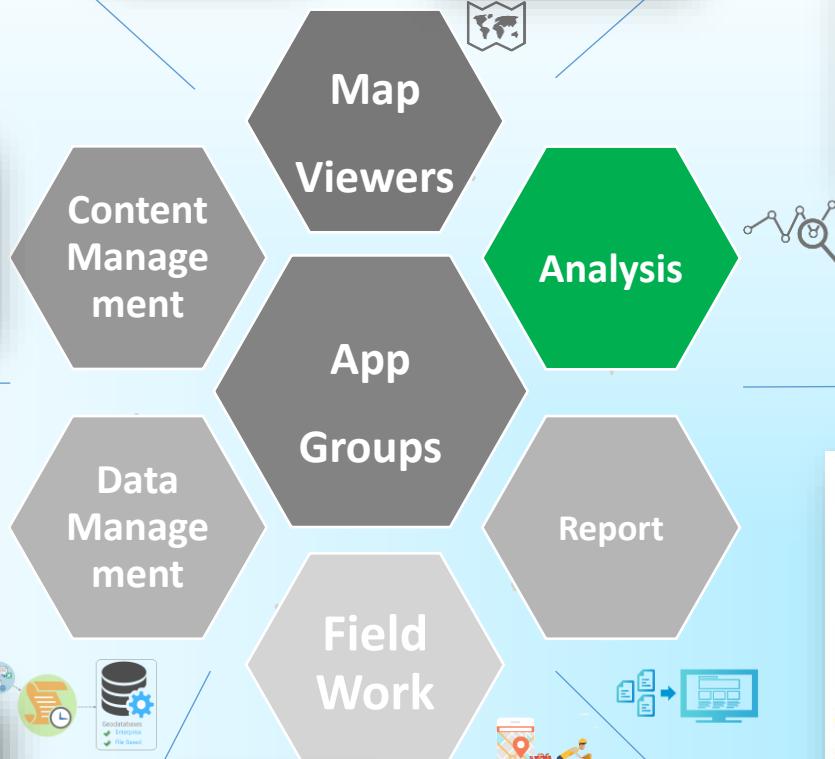
# User Experience



**Buffer Analysis Tool**  
Takes a feature collection and applies a buffer to each feature. The [b](#) More



**Point in Polygon**  
computes statistics for the distribution of a given attribute in a set [More](#)



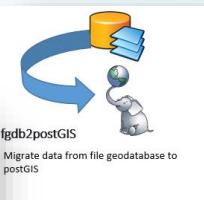
**Gallery**  
Create single responsive page catalog with content, maps, layers, apps [More](#)



**Cartoview Geo Blog**  
Create a blog page with apps, publish your app(s) as a blog entry, [al](#) [More](#)



**News**  
Publish and read news feeds



**fgdb2postGIS**  
Migrate data from file geodatabase to postGIS



[Open](#)



[Geospatial Operations](#)

[Data Flow](#)



**GeoCollect**  
collect XY Location and associate Attributes and Images. Work Field Cr [More](#)



**GeoTask Manager**  
Field WorkForce and Task Management Application. With Geo Task Manager

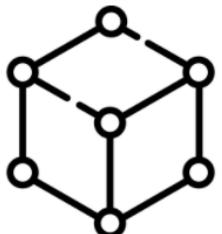


**Cartoview Dashboard**  
Create dashboard with chart, summary, identify dashboard com [More](#)



## User Experience

### Analysis



Point in Polygon

computes statistics for the distribution of a given attribute ...

[More](#)

[Open](#)



Apps

Data ▾

Maps ▾

About ▾

Search



Admin User ▾

### Point in Polygon

?

#### Select Point Layer

Select Statistics Attribute

Select Polygon Layer

Output Layer Name

Results

Next ➔

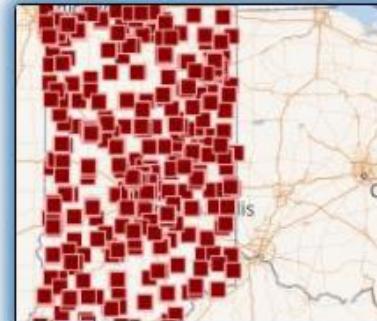
#### Select Layer

Shared Layers

My Layers



Search by title



indianamedicalcarefacilities

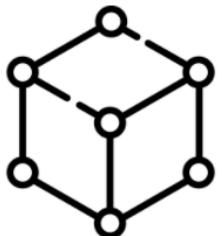
No abstract provided....

Owner: admin

[Layer Details](#)

## User Experience

# Analysis



## Point in Polygon

computes statistics for the distribution of a given attribute ...

[More](#)

**Open**

**Cartoview** Apps Data Maps About

Search Admin User ?

## Point in Polygon

Point Layer: indianamedicalcarefacilities

✓ Select Point Layer

Select Statistics Attribute

Select Polygon Layer

Output Layer Name

Results

### Select Attribute

fid(xsd:int)

NumStories(xsd:long)

Cost(xsd:double)

BackupPowe(xsd:long)

NumBeds(xsd:long)

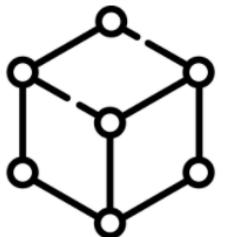
OBJECTID\_1(xsd:long)

**Tip:**

Numeric attributes are only available for this step

## User Experience

### Analysis



#### Point in Polygon

computes statistics for the distribution of a given attribute ...

[More](#)

[Open](#)

Cartoview Apps Data Maps About Search Admin User ?

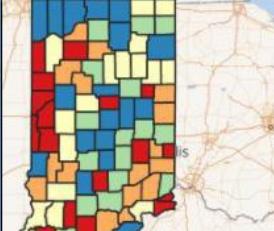
#### Point in Polygon

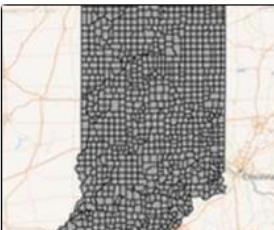
Point Layer: indianamedicalcarefacilities Attribute: NumBeds

Select Layer

✓ Select Point Layer  
✓ Select Statistics Attribute  
**Select Polygon Layer**  
Output Layer Name  
Results

Shared Layers  My Layers  Search by title

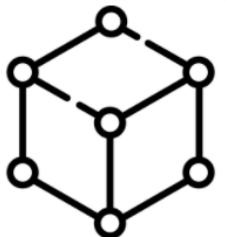
 **indianacensuscounty**  
No abstract provided ...  
Owner: admin [Layer Details](#)

 **Population Asian**  
No abstract provided ...  
Owner: admin [Layer Details](#)

 **Population American Indian**  
No abstract provided ...

## User Experience

### Analysis



#### Point in Polygon

computes statistics for the distribution of a given attribute ...

[More](#)

[Open](#)

**Cartoview** Apps Data Maps About Search Admin User

### Point in Polygon

?

Point Layer: indianamedicalcarefacilities Attribute: NumBeds Polygon Layer: indianacensuscounty

✓ Select Point Layer  
✓ Select Statistics Attribute  
✓ Select Polygon Layer

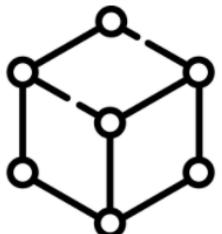
Output Layer Name

IndianaCountyFacilityBeds

Back Next

## User Experience

### Analysis



Point in Polygon

computes statistics for the distribution of a given attribute ...

[More](#)

[Open](#)

 Cartoview Apps Data Maps About

Search Admin User

?

### Point in Polygon

Point Layer: indianamedicalcarefacilities Attribute: NumBeds Polygon Layer: indianacensuscounty

✓ Select Point Layer  
✓ Select Statistics Attribute  
✓ Select Polygon Layer  
✓ Output Layer Name

**Results**

Process Successfully Completed

The result of this process has been published as a portal layer. You can view the result and further configure the properties and set permission of the resulting Layer:IndianaCountyFacilityBeds

**Layer Details**



# User Experience



**WebApp Builder**  
Configure a map with multiple components, based on Boundless SDK.

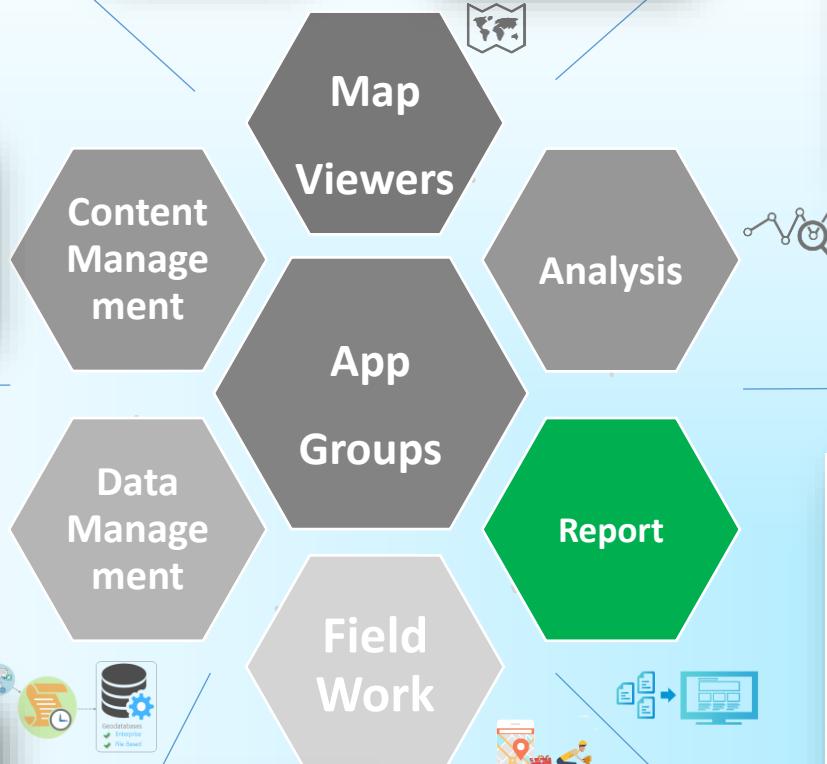
# User Experience



**Buffer Analysis Tool**  
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**Gallery**  
Create single responsive page catalog with content, maps, layers, apps [More](#)



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Create a blog page with apps, publish your app(s) as a blog entry, [al](#) [More](#)



**News**  
Publish and read news feeds



**Content Management**

**Data Management**

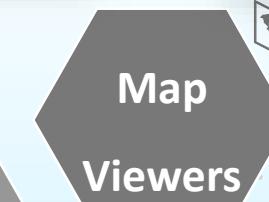
**Map Viewers**

**App Groups**

**Field Work**

**Report**

**Analysis**



Import ArcGIS feature layers  
Import arcgis feature layer into PostGIS Layer and add to geoserver an [More](#)



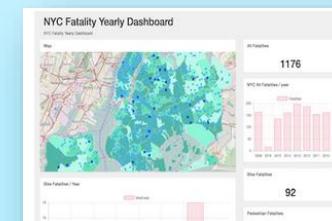
**Cartoserver**  
Cartoview ArcGIS Feature Server implements ArcGIS Geoservices REST API [More](#)



**GeoCollect**  
collect XY Location and associate Attributes and Images. Work Field Cr [More](#)



**GeoTask Manager**  
Field WorkForce and Task Management Application. With Geo Task Manager



**Cartoview Dashboard**

Create dashboard with chart, summary, identify dashboard com [More](#)



# User Experience Analysis



Dashboard

Create a custom dashboard with a variety of components; ... [More](#)

[Explore](#) 1

[Create new](#)

**Title**

**Abstract**

Add New Widget

# User Experience

## Analysis



## Dashboard

Create a custom dashboard with a variety of components; ... More

Explore 1

Create new

# User Experience Analysis



Dashboard

Create a custom dashboard with a variety of components; ... [More](#)

[Explore 1](#)

[Create new](#)

Indiana Census County

Abstract

About this dashboard...

Config Widget

Title: Aggregate Widget

Map:

Layer:

Aggregation Attribute:

Aggregation Function:

✓ Apply   ✖ Cancel

Map - w\_0

Add New Widget

Census - w\_1

POP2000

Add New Widget

Aggregate Widget - w\_2

NaN

# User Experience Analysis

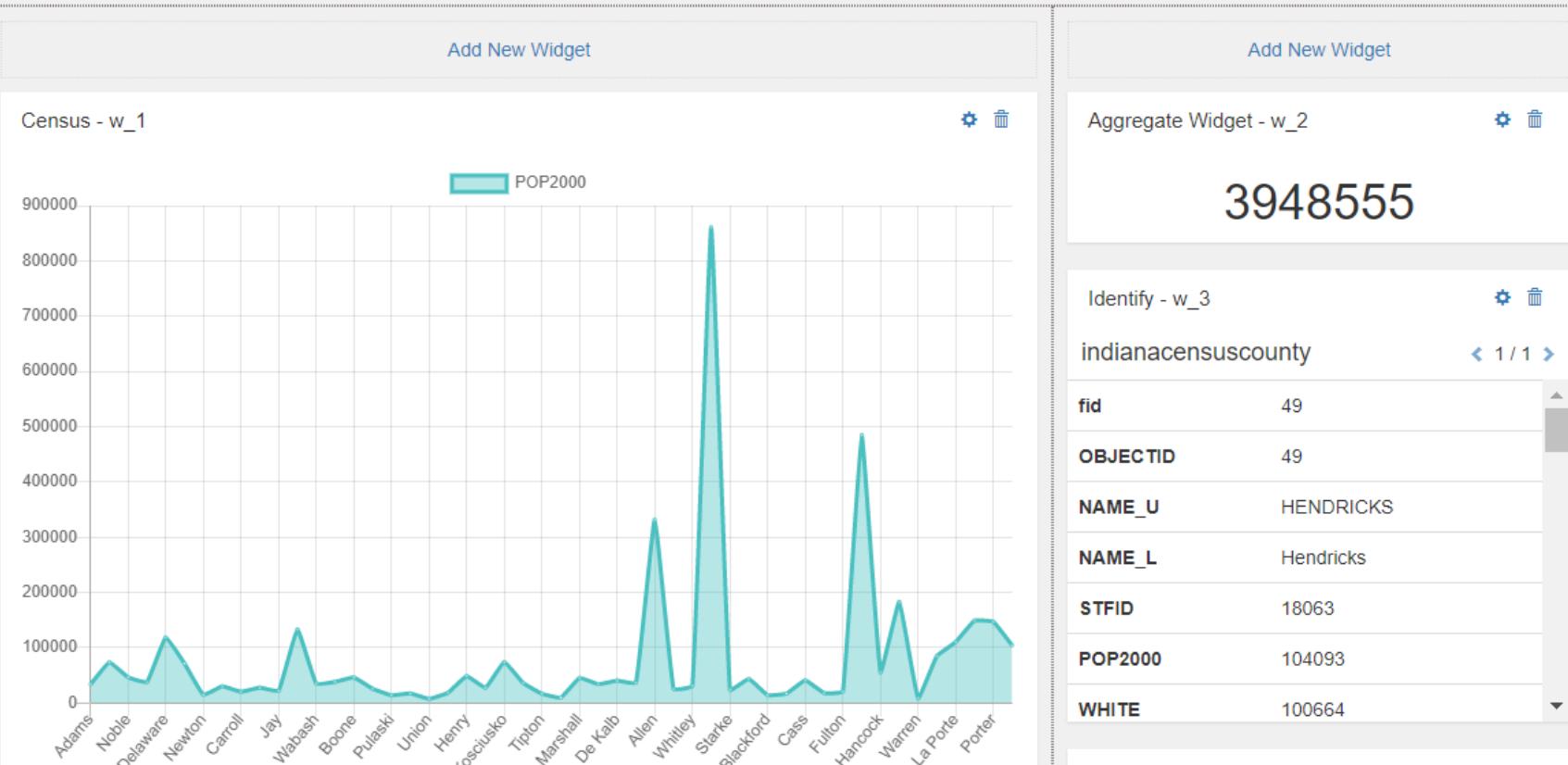
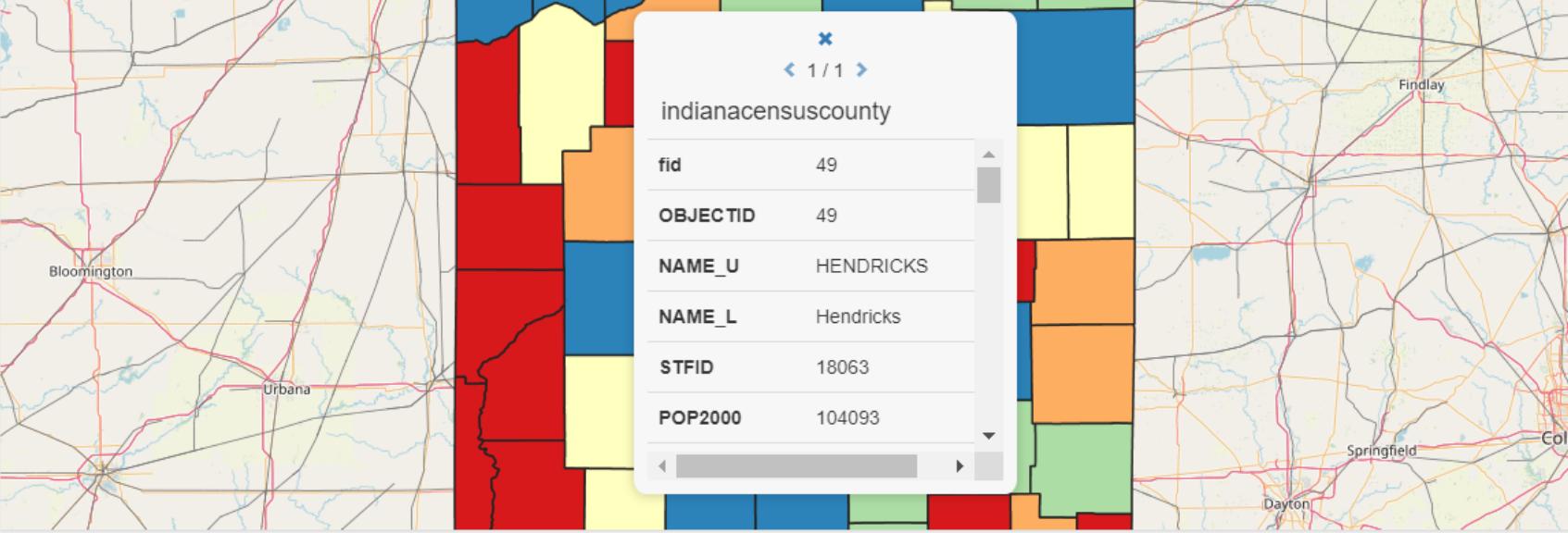


Dashboard

Create a custom dashboard with a variety of components; ... More

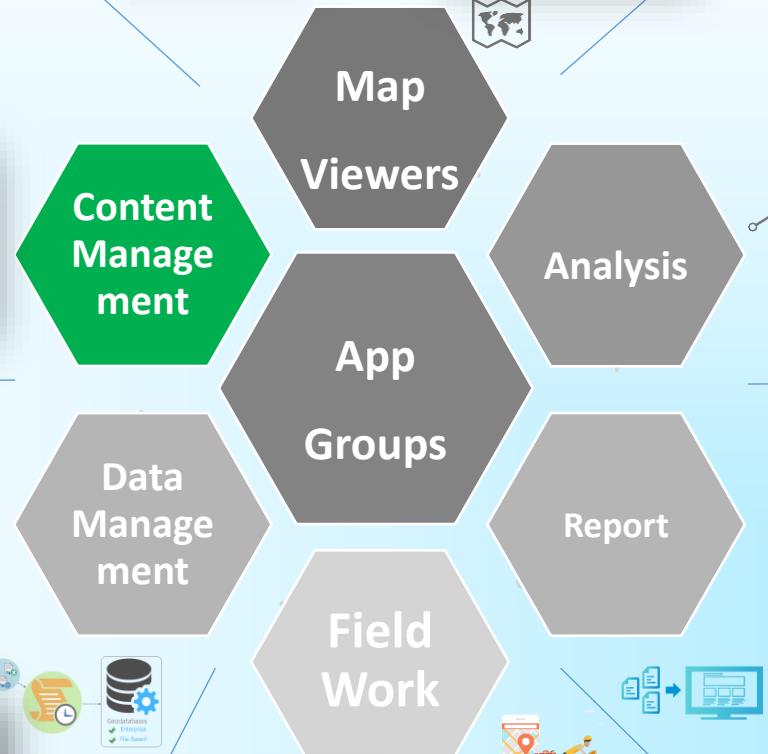
Explore 1

Create new



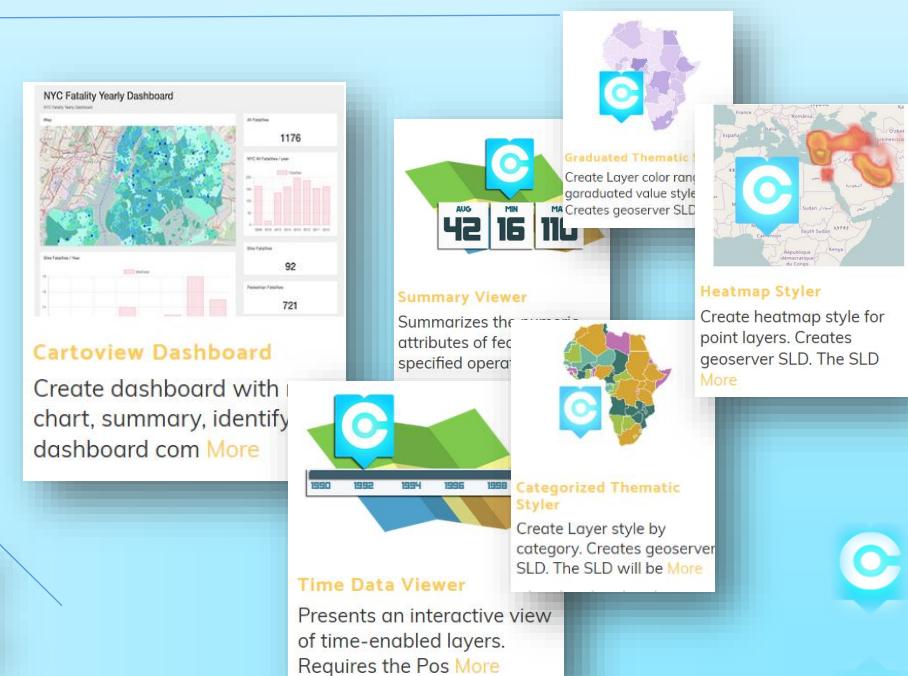
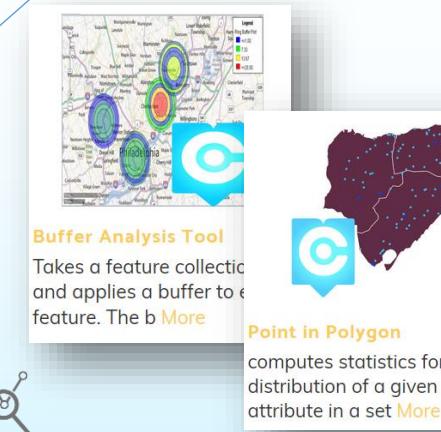


# User Experience



**WebApp Builder**  
Configure a map with multiple components, based on Boundless SDK.

# User Experience



## User Experience

### Data Management



Data Manager  
Data Manager

Open

GIS Data Import Manager

Home Upload Shapefile Download



Click to Choose Packages or Drop Packages Here to Upload

#### Uploaded List

hydropower\_dams.gpkg

Uploaded At: 12/5/2020, 6:24:40 PM

Owner: admin ^

Layer Name	Layer Type	Feature Count	Actions	
irrigation_dams	Point	103	PUBLISH NEW	UPDATE EXISTING
hydropower_dams	Point	40	PUBLISH NEW	UPDATE EXISTING
				<a href="#">DOWNLOAD</a> <a href="#">DELETE</a>

## User Experience

### Data Management



#### ArcGIS Importer

Cartoview app to import arcgis feature layer into PostGIS ... [More](#)

[Open](#)

## ArcGIS REST Services Directory

[Home](#) > [services](#) > [Demographics](#) > [Census\\_Counties \(MapServer\)](#)

[JSON](#) | [SOAP](#) | [WMS](#) | [WMPS](#)

### Demographics/Census\_Counties (MapServer)

**View In:** [ArcGIS JavaScript](#) [ArcGIS Online Map Viewer](#) [ArcGIS Earth](#) [ArcMap](#) [ArcGIS Pro](#)

**View Footprint In:** [ArcGIS Online Map Viewer](#)

**Service Description:** County Census Data, 2000 (1:24,000) - Shows counties and contains 2000 U.S. Census data regarding Census 2000 SF1 tables.

**Map Name:** Layers

[Legend](#)

[All Layers and Tables](#)

**Layers:**

- [Census Counties \(0\)](#)

**Description:**

**Copyright Text:** U.S. Census Bureau

**Spatial Reference:** 26916 (26916)

**Single Fused Map Cache:** true

**Tile Info:**

- **Height:** 512
- **Width:** 512
- **DPI:** 96
- **Levels of Detail:** 12
  - **Level ID:** 0 [ [Start Tile](#), [End Tile](#) ]
    - Resolution: 661.4596562526459
    - Scale: 2500000
  - **Level ID:** 1 [ [Start Tile](#), [End Tile](#) ]
    - Resolution: 330.22982812513254
    - Scale: 1250000

[https://maps.indiana.edu/arcgis/rest/services/Demographics/Census\\_Counties/MapServer](https://maps.indiana.edu/arcgis/rest/services/Demographics/Census_Counties/MapServer)

# ArcGIS Server Layer to GeoNode Layer



## ArcGIS Importer

### ArcGIS Importer

Cartoview app to import arcgis feature layer into PostGIS... [More](#)

[Open](#)

#### Layer URL

`https://maps.indiana.edu/arcgis/rest/services/Demographics/Census_Counties/MapServer/0`

Esri Feature Layer URL Example: `https://xxx/ArcGIS/rest/services/xxx/xxx/MapServer/0`

[Import Layer](#)

#### Layer Permissions

##### Who can view it?

 Anyone

The following users:

[Choose users...](#)

The following groups:

[Choose groups...](#)

##### Who can download it?

##### Who can change metadata for it?

##### Who can manage it? (update, delete, change permissions, publish/unpublish it)

## User Experience

### Data Management



#### ArcGIS Importer

Cartoview app to import arcgis feature layer into PostGIS ... [More](#)

Open

## ArcGIS Importer

### Layer URL

Esri Feature Layer URL Example: <https://xxx/ArcGIS/rest/services/xxx/xxx/MapServer/0>

**Import Layer**

**Result:** your layer title is census\_counties and url is  
[https://summit2020.cartoview.net/layers/geonode:census\\_counties](https://summit2020.cartoview.net/layers/geonode:census_counties)

### Layer Permissions

#### Who can view it?

Anyone

The following users:

[Choose users...](#)

The following groups:

[Choose groups...](#)

#### Who can download it?

#### Who can change metadata for it?

#### Who can manage it? (update, delete, change permissions, publish/unpublish it)

## User Experience

### Data Management

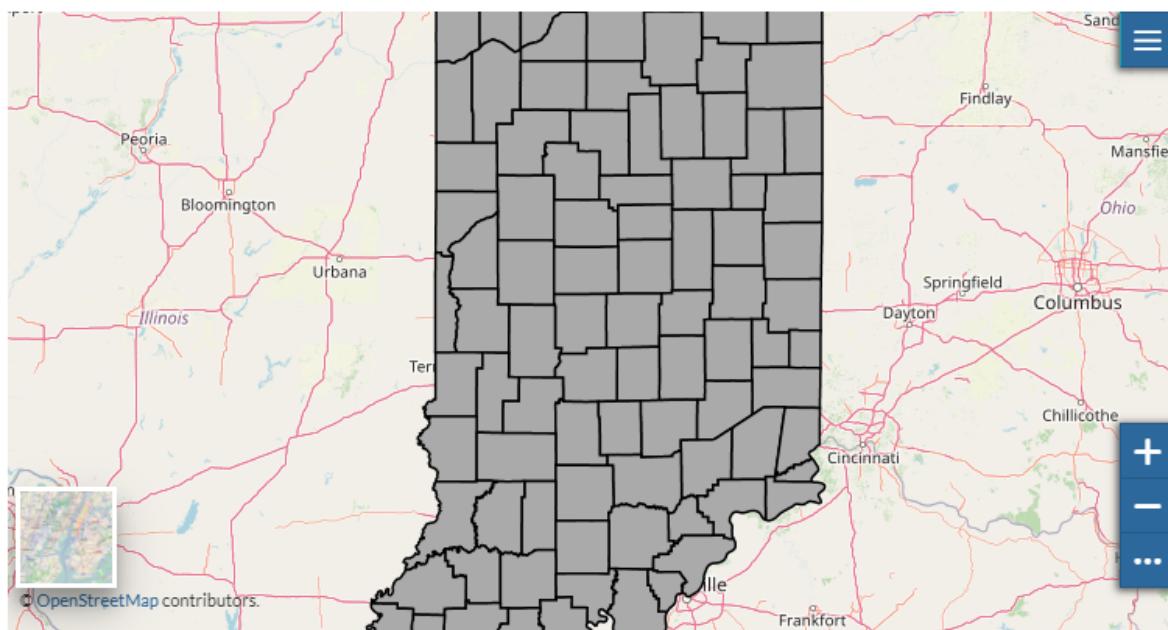


#### ArcGIS Importer

Cartoview app to import arcgis feature layer into PostGIS ... [More](#)

[Open](#)

## Census Counties

[Info](#)[Attributes](#)[Share](#)[Ratings](#)[Comments](#)[Favorite](#)

Title [Census Counties](#)

License [Not Specified](#) 

Abstract [No abstract provided](#)

Publication Date [Dec. 5, 2020, 3:27 p.m.](#)

Type [Vector Data](#)

Regions [Global, Central America, South America, Ecuador, Kiribati](#)

Responsible [admin](#)

[More info](#) -

 [Layer WMS GetCapabilities document](#)

[Request Download](#)[Metadata Detail](#)[Editing Tools](#)[View Layer](#)[Download Metadata](#)

#### Maps using this layer

List of maps using this layer:

[IndianaCensus](#)

#### Create a map using this layer

Click the button below to generate a new map based on this layer.

[Create a Map](#)

#### Add the layer to an existing map

[Hydro Power dams Map](#) 

Click the button below to add the layer to the selected map.

[Add to Map](#)

# Sample Portals



<http://portal.arabspatial.org/>

The screenshot shows the homepage of the Saudi Open Data Portal. It features a large image of the Saudi Arabian skyline at night. Below it is a search bar with the placeholder "Search for Open Data...". The text "Saudi Open Data Portal" is prominently displayed. At the bottom, there is a section titled "COVID-19 Dashboards for Saudi Arabia" with three small thumbnail images. Below this is a "Map Viewer" section with three more thumbnail images. The top navigation bar includes links for "Data", "Maps", and "About".

<http://mapsaudi.com/>

The screenshot shows the homepage of the NafCOAST portal. The header includes the NafCOAST logo, a search bar, and navigation links for "About", "Coastal Issues", "Case Studies", "Geo Portal", and "News & Events". On the right, there is a user profile for "admin". Below the header, there are four image cards: "Sea Level Rise" (a flooded area), "Coastal Erosion" (a coastal cliff), and "Sea Water Intrusion" (a body of water). The bottom section is titled "IFMP" and contains four boxes: "Maps" (with a location pin icon), "Projects" (with a person working icon), "Plans" (with a person at a desk icon), and "Resources" (with a notebook icon). Each box has a brief description and an "Open" button. There is also a "Help" section with a question mark icon and a "Learn how to use this website." link.

<http://nafcoast.org/>

# Installation



cartoview.net



Install with Existing GeoNode



Install CartoView On Windows



Docker install



CartoView Project Template

Cartoview

