Building a Web App for Data Exploration with Smart Mapping

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Visualization in the ArcGIS API for JavaScript

FeatureLayer/SceneLayer/MapImageLayer/CSVLayer
renderer
visual variables

Visualization is hard
Color schemes and themes

High to low

Extremes

Centered on

Above and below
Smart Mapping Flow

DATA
- FeatureLayer
- CSVLayer
- SceneLayer
- MapImageLayer
- Other sources...

Layer
- basemap
- field/expression
- theme
- other options...

Renderer creator
(Smart Mapping)
- query data stats
- get optimal color scheme
- map data values to colors
Sample Apps

Election data exploration
Ecological Marine Units (3D)
Other samples…
3D Smart mapping
3D Smart mapping
Resources

- **Documentation**

- **Demos/samples**
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