

Using Data to Drive Engagement

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Chief Data Officer

The Goal... evolves

Initially:

To be able to answer the questions we don't know to ask yet.



Ultimately:

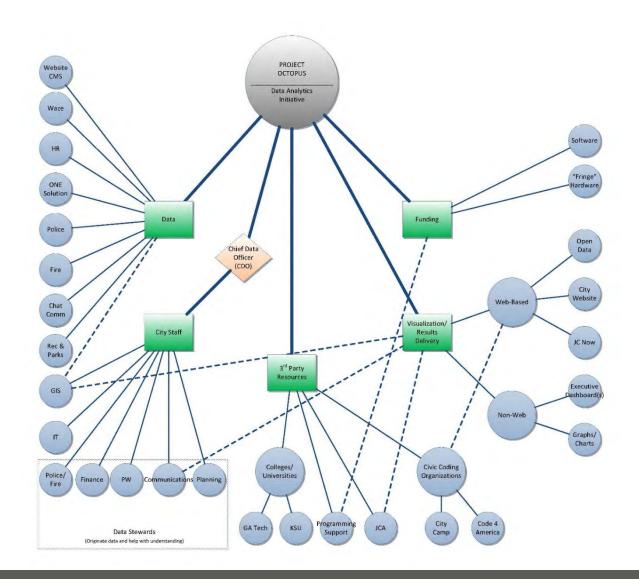
To have data drive the conversation

The Trifecta

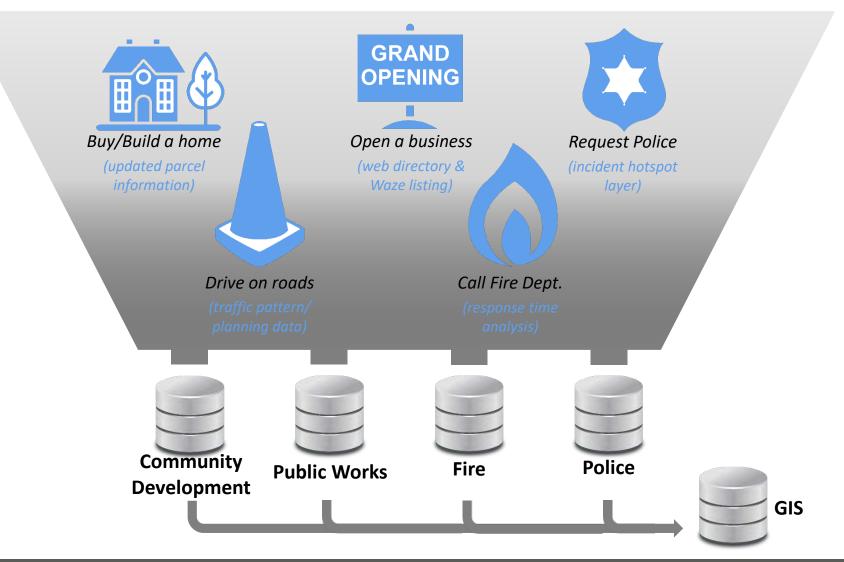


These projects are dynamic and are continually evolving

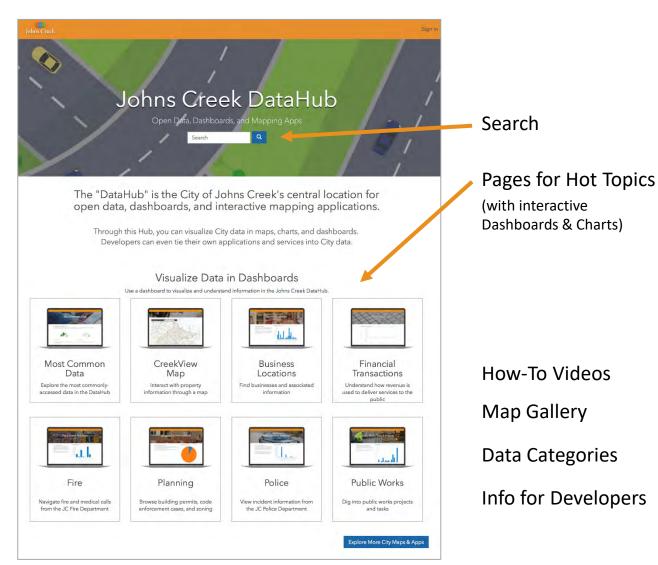
Step 1: Liberate your data and tap key staff



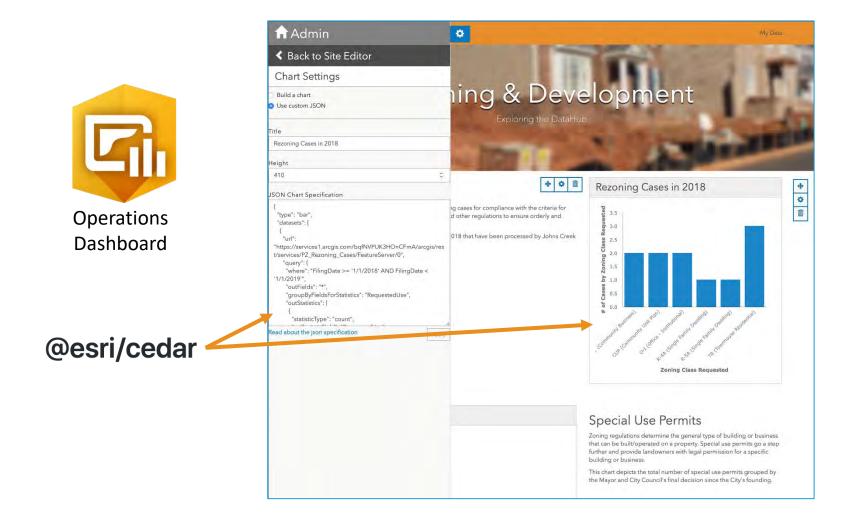
Step 1: Liberate your data and tap key staff



Step 2: Make data accessible and meaningful



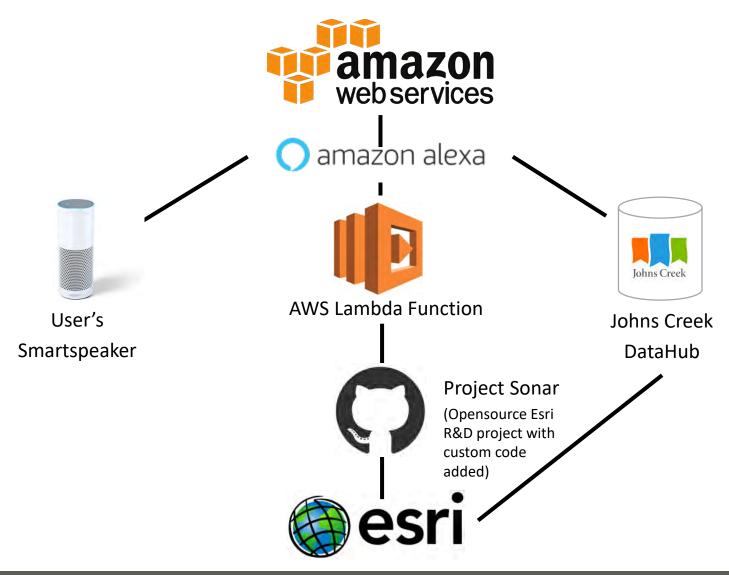
Step 2: Make data accessible and meaningful



Step 3: Tie data into tools that people already use



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How much?





	Software/	Custom	
	Hardware	Dev. Costs	Description
	\$ 0	\$ 0	Used existing GIS tools and hardware along with in-house created SQL/python tasks
	\$ 0	\$ 0	Software costs and cloud hosting included in yearly Esri licensing fees
-	\$ 100	\$ 10,000	No software costs, Echo device purchase, free tier for AWS to start, custom developer time to get skeleton of the project off the ground

Level of Effort

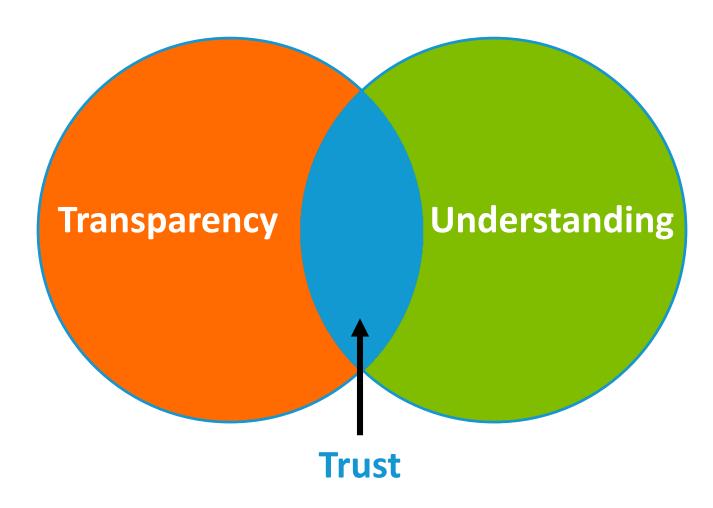
Project Octopus





	Staff Time	Custom Dev. Time	Description
-	80 hours	0 hours	Processes and staff meetings/interaction (aka begging) was all internal
_	120 hours	0 hours	Creating pages, maps, charts, dashboards, and custom icons/graphics was all done internally
-	120 hours	80 hours	Engaged Esri developer to build skeleton initially (along with AWS framework) but then used existing skills internally to finish project and build 200+ questions

Why?





Questions?

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