

Tech in Public Safety

- ▶ Brandon Bouier, Engineer – Defense Digital Service

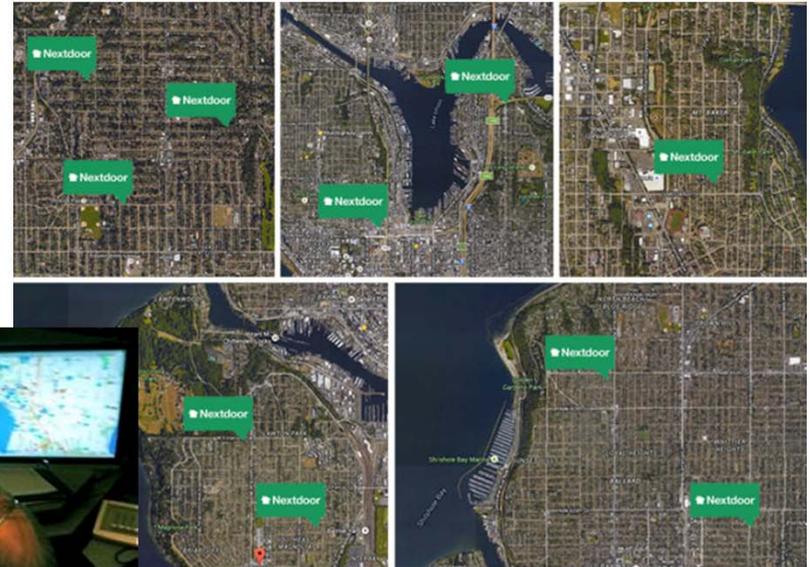
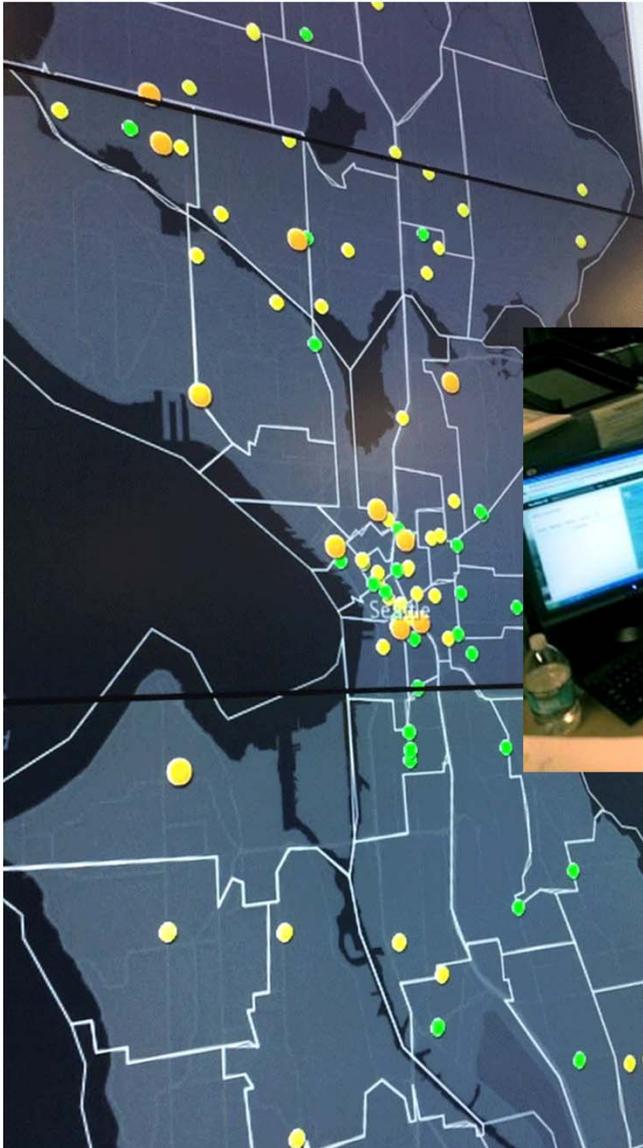
Data is important.

Context is more important.

The Core Four of Patrol

- ▶ Where to go
- ▶ When to go there
- ▶ Who to look for upon arrival
- ▶ What precautions to take

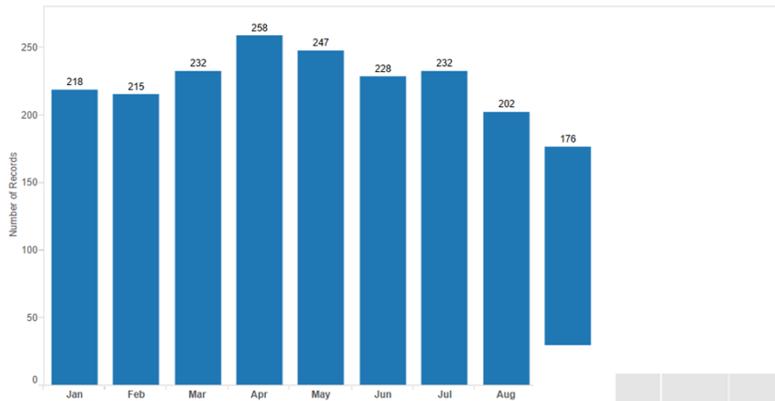
Where to go



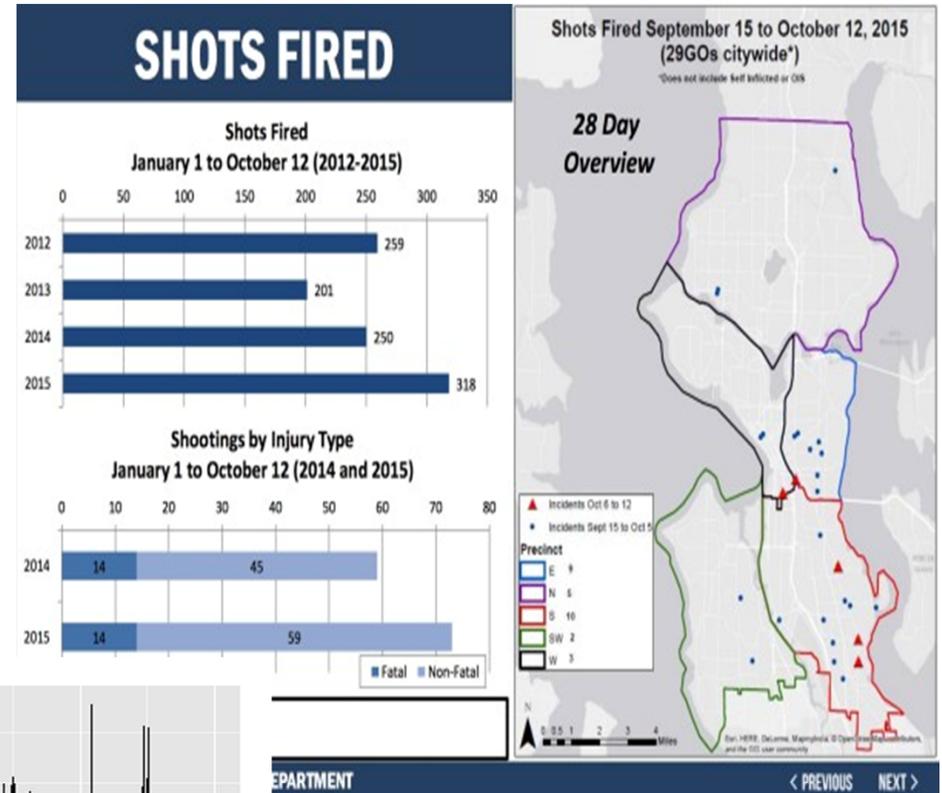
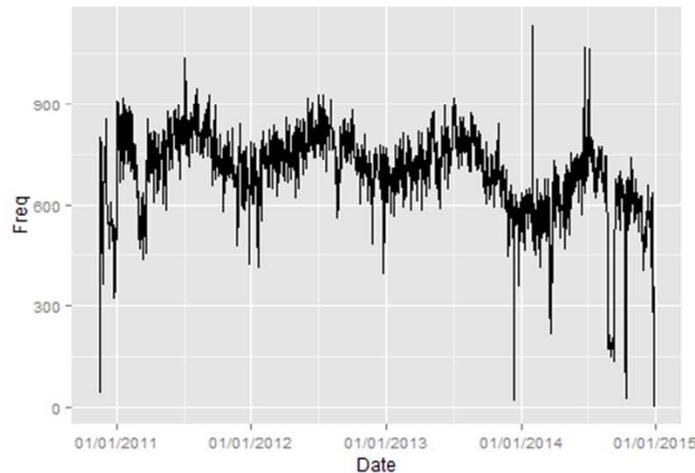
VEH-THEFT-AUTO	22XX BLOCK OF YALE AVE	Occurred: 8/28/2015 9:00:00 PM	Reported: 8/29/2015 10:27:00 AM	GOR: 2015340818	Report
ROBBERY-BUSINESS-BOOYFORCE	140X BLOCK OF 2 AV	Occurred: 8/29/2015 8:51:00 AM	Reported: 8/29/2015 8:51:00 AM	GOR: 2015340457	Report
VEH-THEFT-TRUCK	15XX BLOCK OF N 36 ST	Occurred: 8/29/2015 9:30:00 PM	Reported: 8/29/2015 7:55:00 AM	GOR: 2015340454	Report
ROBBERY-BUSINESS-BOOYFORCE	9XX BLOCK OF 4 AV	Occurred: 8/29/2015 7:54:00 AM	Reported: 8/29/2015 7:54:00 AM	GOR: 2015340450	Report
VEH-THEFT-AUTO	32XX BLOCK OF 21 AV W	Occurred: 8/29/2015 8:53:00 AM	Reported: 8/29/2015 8:53:00 AM	GOR: 2015340451	Report

When to go there

Year	Group	Category	Subcategory	Precinct	MCCP Neighborhood						
2015	All	All	All	North	ROOSEVELT/RAVENNA						
2015											
Group	Category	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Person Crime	Homicide	0	2	0	0	0	0	0	0	0	2
	Rape	4	10	7	10	10	6	5	3	4	59
	Robbery	5	3	2	2	3	4	8	6	6	39
	Aggravated Assault	9	15	9	12	13	10	13	9	10	100
Property Crime	Burglary	42	35	44	47	49	52	49	41	31	390
	Larceny-Theft	141	132	148	169	159	144	145	140	119	1,297
	Motor Vehicle Theft	26	33	31	30	26	22	25	12	16	221
	Total	209	200	223	246	234	218	219	193	166	1,908
Grand Total		218	215	232	258	247	228	232	202	176	2,008



Crime data is refreshed on a monthly basis. Crime counts are based on the primary offense within a single incident associated offenses within an incident. Crime data is dynamic and will change based on reporting and investigation. To extract data, click on a data field and select view data, or select download at the bottom of the page. Click reset at the bottom of the page to go back to default view.



What precautions to take



What precautions to take



Who's going to watch all of that video?

Who's going to *redact* all of that video?

- ▶ Approximately 2 million videos (over 1 PB) & counting
- ▶ Takes roughly 4 hours to redact every 1 hour of video
- ▶ Dashcam & body-worn videos not tied to CAD/RMS systems
- ▶ Automatically redacting video is *hard*

How can we bring more tech talent into the justice space?

- ▶ Strengthen connections between public sector & academic institutions
- ▶ Have interesting challenges to work on
- ▶ Provide autonomy
- ▶ Meet the tech community on their terms
- ▶ *Change the culture*

Hackathons don't hurt either



How do you change a culture?



THE U.S. DIGITAL SERVICE



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