



"ITS America advances the research and deployment of intelligent transportation technologies to save lives..."





## **Existing Data**

#### **Data Quality 6-Pack**

Timely

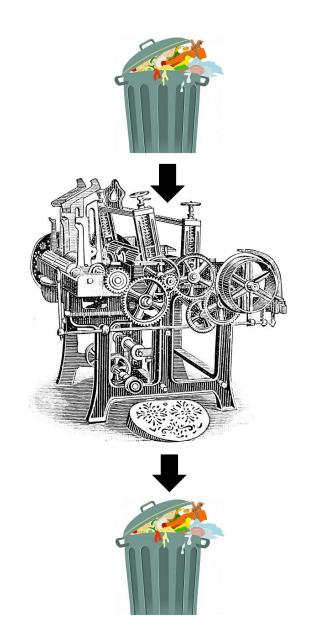
Accurate

Complete

Consistent

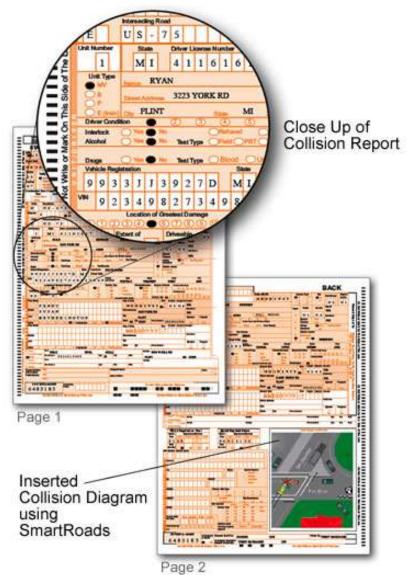
Integrated

Accessible



#### **Data Collection**





#### **Accessible Analysis Tools**

A - 4 2 - 1 4 4		
Asterisk denotes a re Collision Date		
* Start Date/Time:		
Collision Loca	tion —	
Roadway Type:	- Select a Roadway Type ▼   Agency Type: Select an Agency Type ▼	
* You must select	a County or City or check Statewide.	
County: Select	ct a County ▼ City: Select a City ▼ Statewide:	
Primary Trafficw	ay: Secondary Trafficway:	0
Primary Trafficw	This field suports the use of <u>wildcard characters</u> .  This field suports the use of <u>wildcard characters</u> .	0

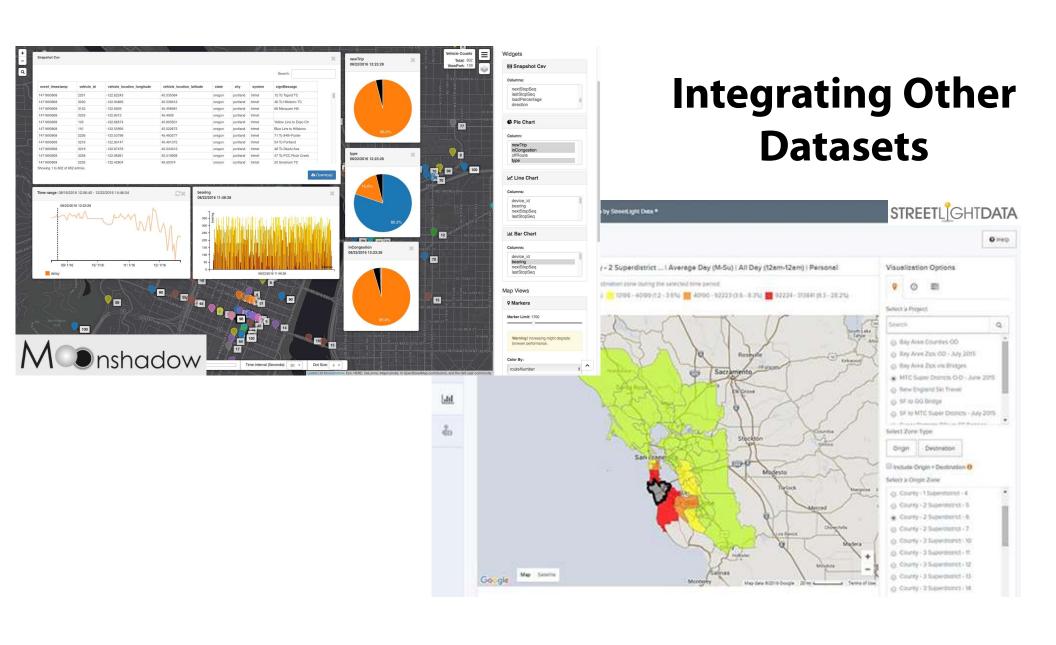
http://www.wsp.wa.gov/driver/collision-records



## New Data Sources









## **Existing Tools**

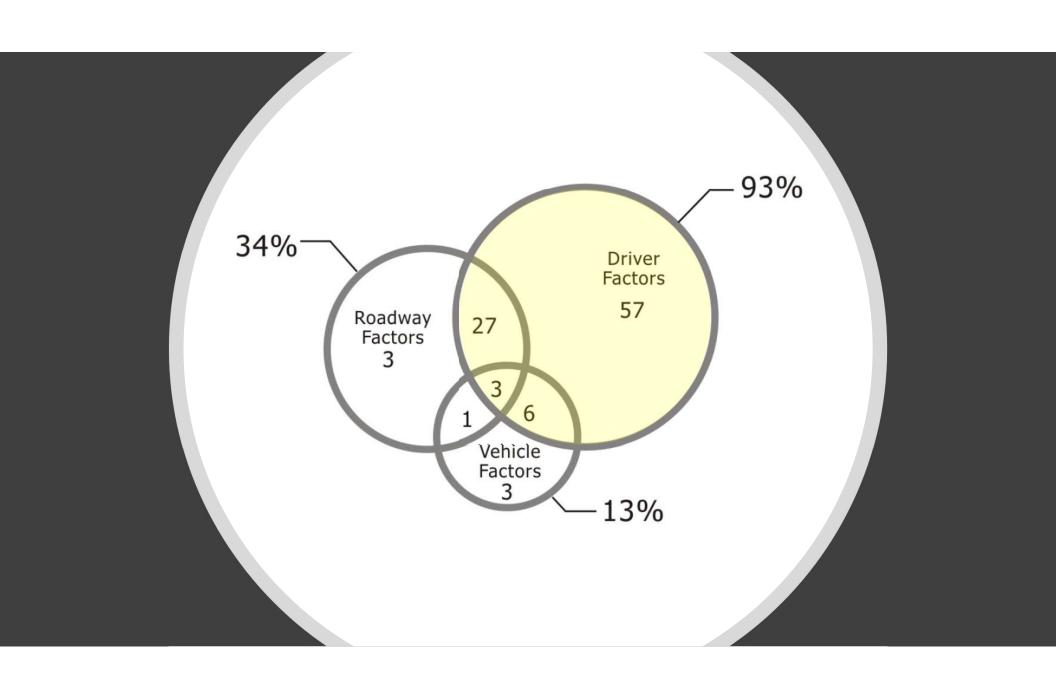


ICWS RESULT	Severe Crashes CMF (% reduction)	Angle Crashes CMF (% reduction)	All Crashes CMF (% reduction)	Night Crashes CMF (% reduction)	Average B/C (Hi/Lo Range)
2-lane x 2-lane	0.70 (30%)	0.80 (20%)	0.73 (17%)	0.90 (10%)	27:1 (16:1-39:1)
4-lane x 2-lane	0.80 (20%)	0.85 (15%)	0.83 (17%)	0.97 (3%)	10:1 (6:1-14:1)

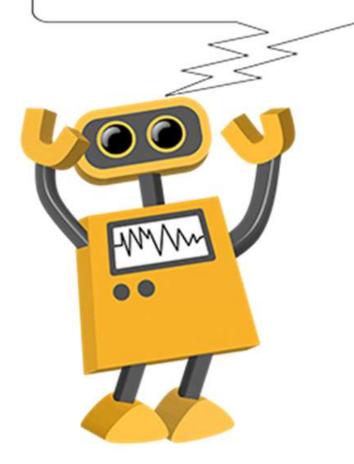


## New Tools

# Humans are bad at driving



01001111 01101110 01101100 01100001 01001110 01100101 01100011 01101011



01110111 01100101 01110010 00100000

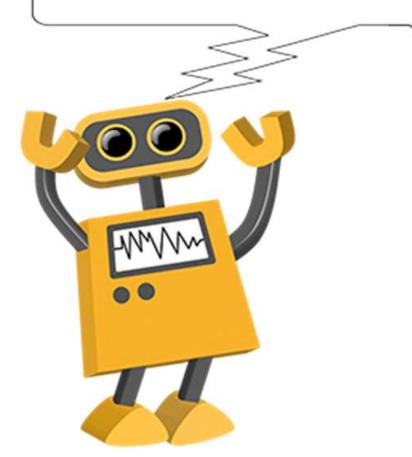
01100101 01100001 01110100 00001101

01100101 01100001

01000101 01111000 01110000 01100101

01110100 01101111

# Only <u>two</u> eyes, both in front Neck rotation is terrible



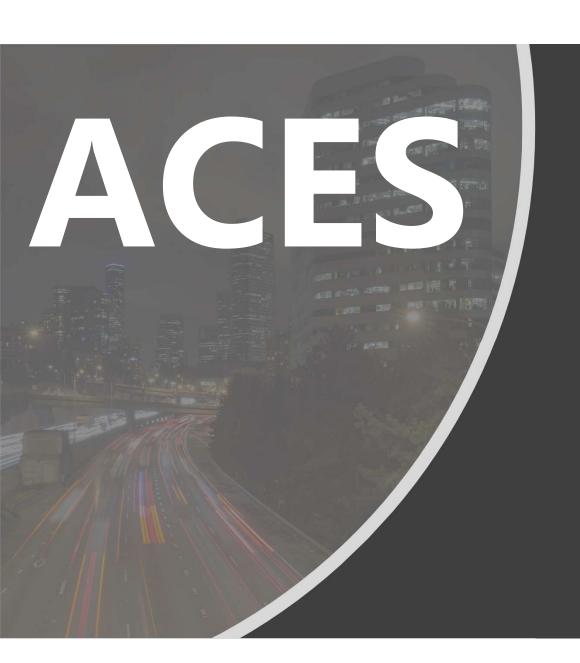
Computational power of meat

Require sleep

Consume substances & drive worse

Expensive to repair

Think they are good at driving



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- twitter.com/TrafficSafety
- amazon.com/author/brianchandler

