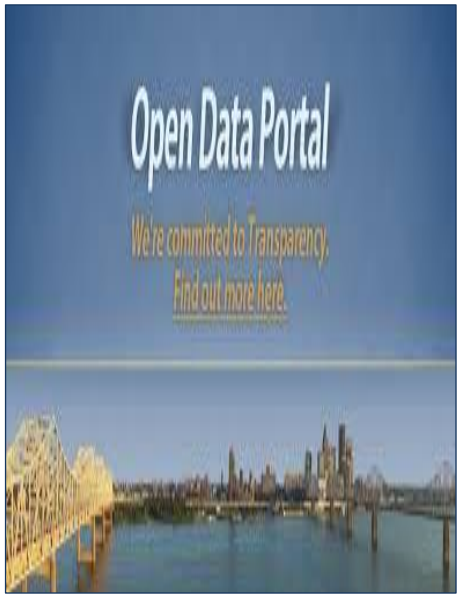
Big Data and Open Data

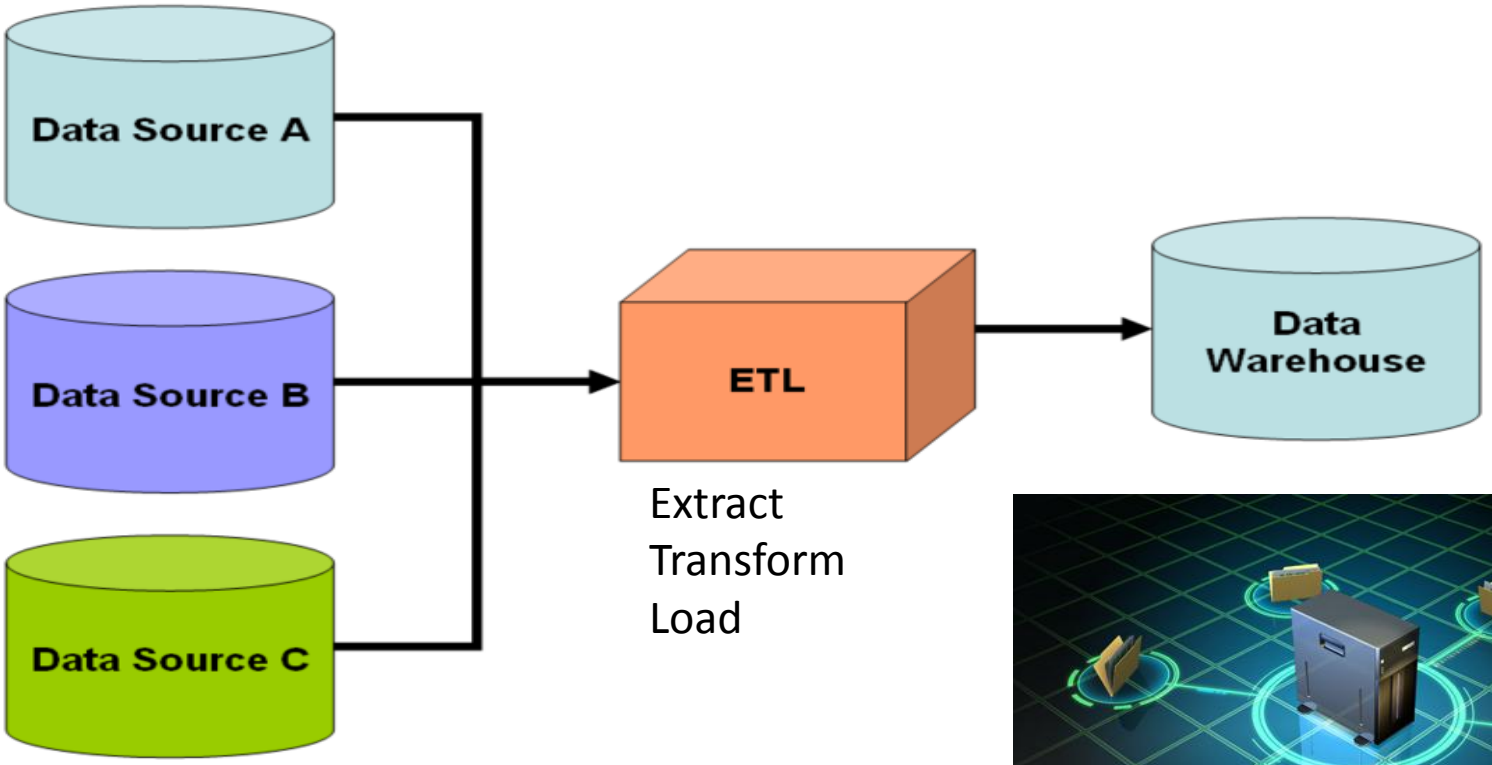
September 2013

Technology Services
Big Data and Open Data

Understanding Big and Open Data	Challenges & Opportunities	Next Steps Innovating with Open Data

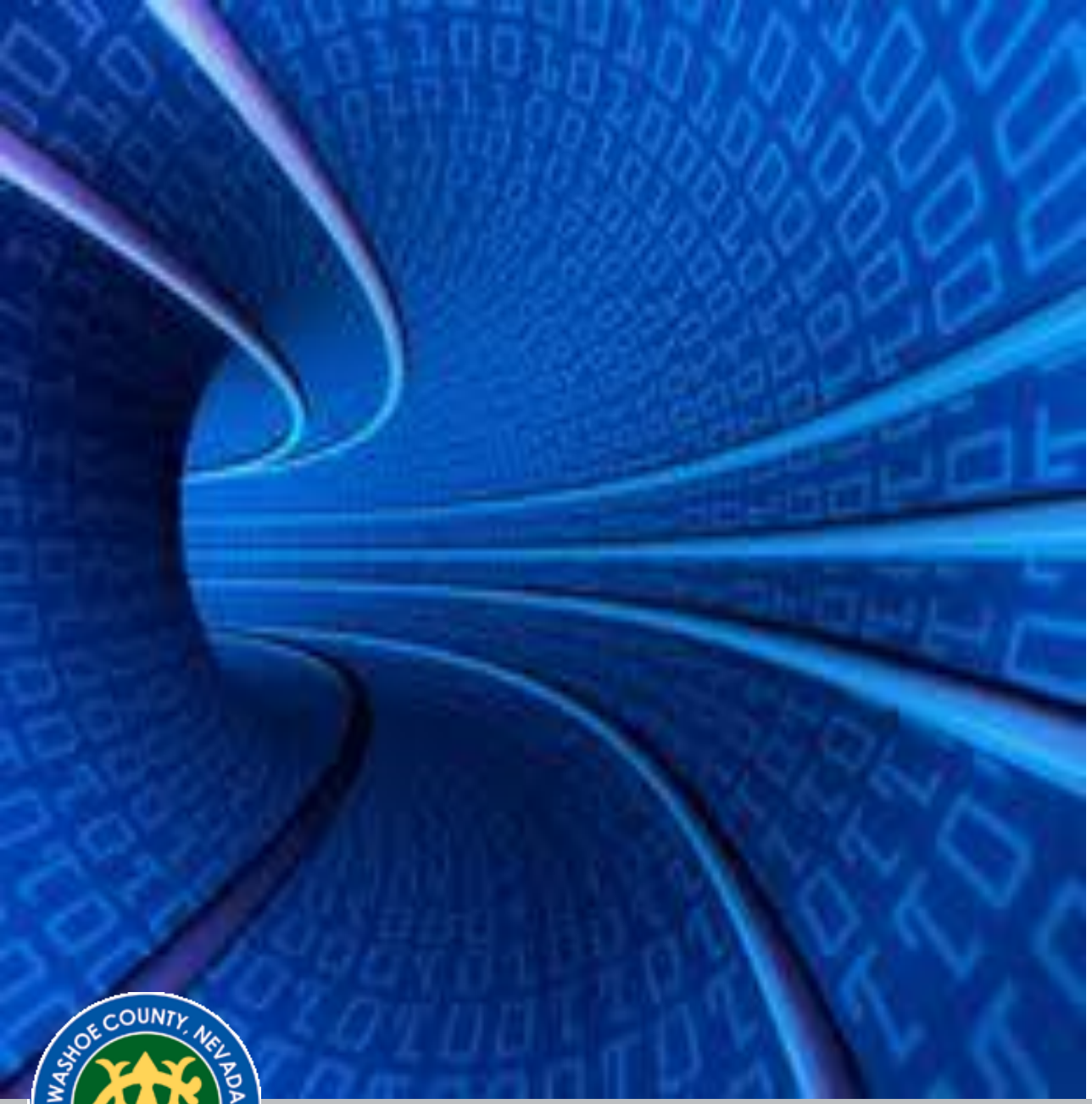


What is a Data Warehouse?



Extract
Transform
Load

What is Big Data?



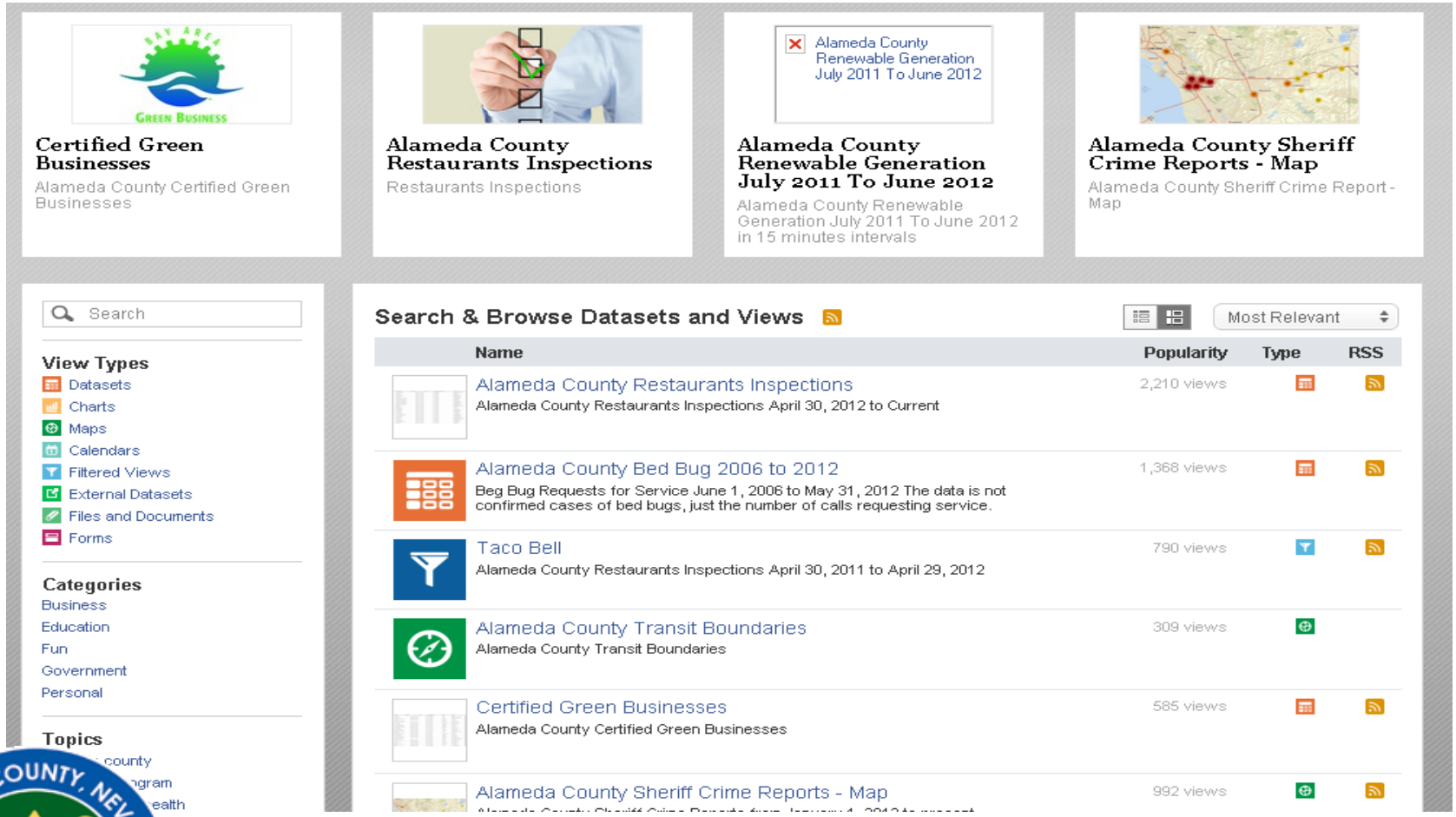
What is Open Data?

Plethora of Data Collected Through the Years

Release Non-Sensitive Data for Public to Use and Reuse

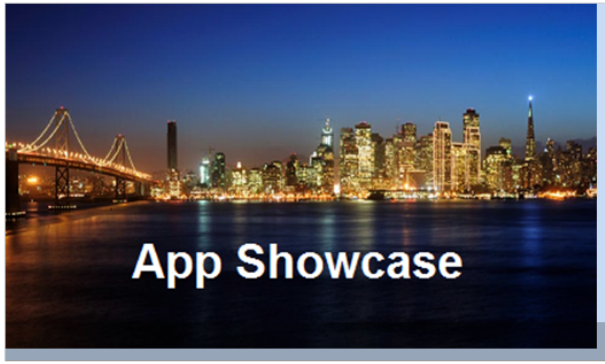
Open Data Portal
We're committed to Transparency.
Find out more here.

Data Sharing and Data Portal



San Francisco Data

App Showcase | Help | Developer | About | Analytics | SFGov | **Sign Up** | Sign In



Application Showcase

The San Francisco Data App Showcase is a collection of applications that have been developed and built by individuals and organizations using datasets published by the City & County of San Francisco. The apps in this showcase are a tangible result from individuals & organizations having open access to city data.

Case Data from San Francisco 311

Cases created since 7/1/2008 with location information. See what the top requests are in a neighborhood or district.

Businesses Registered in San Francisco

Use this link for the code classifications used in the data set: http://www.sftreasurer.org/Modules/ShowDocument.asp documentid=218

Restaurant Health Inspection Scores

History of Health Inspection Scores for SF Restaurants. Read more at http://innovatesf.com/open-data-real-impact/

SFPD Incidents - Previous 3 Complete Months

Previous 3 completed months of incidents derived from SFPD Crime Incident Reporting system. To download complete calendar years: 2003-present: https://data.sfgov.org/Public-Safety/SFPD-Reported-Incidents-2003-to-Present/dyj4-n68b

Search

Search & Browse Datasets and Views

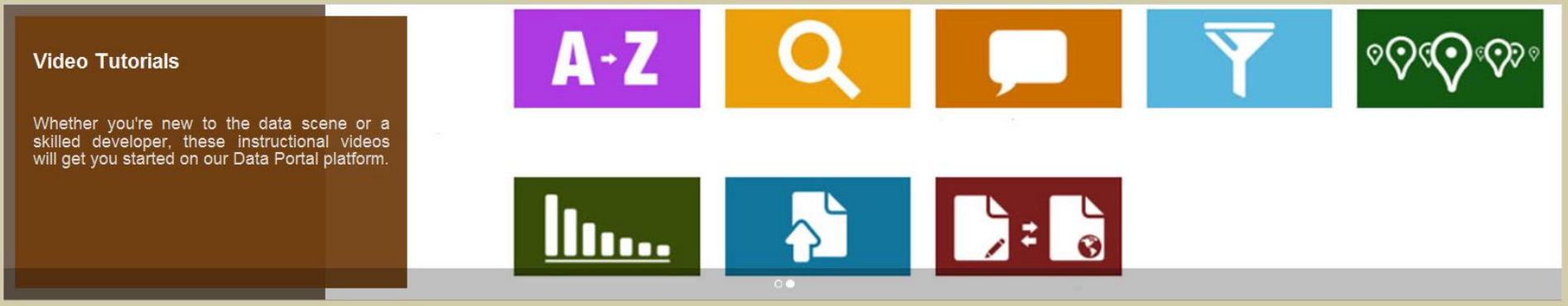
Most Relevant

Name
Map: Crime Incidents - Previous Three Months Incidents are derived from SFPD Crime Incident Reporting system. Previous 3 months. Updated on a daily basis.
Businesses Registered in San Francisco - Active Use this link for the code classifications used in the data set: http://www.sftreasurer.org/Modules/ShowDocument.aspx?documentid=218 Locations geocoded for ~75% of businesses. Does not include closed business locations.
Case Data from San Francisco 311 Cases created since 7/1/2008 with location information
Data Catalog
Film Locations in San Francisco If you love movies, and you love San Francisco, you're bound to love this -- a listing of filming locations of movies shot in San Francisco from 1924 - 2010. You'll find the titles, locations, fun facts, names of the director, writer, actors, and studio for most of these films.
Planning Neighborhoods

WASHOE COUNTY, NEVADA 1861

data.austintexas.gov

Home Developers Videos www.austintexas.gov Help **Sign Up** Sign In



App Library

Community App Library

Volunteer citizen developers use the Data Portal to create useful "apps" for residents. View all of the apps they've created so far at www.austintexas.gov/applibrary.

Suggest Data

Suggest a Data Set

Don't see what you're looking for here? Request a data set.

About Data

About Open Data

Learn more about Austin's Open Data initiative by clicking on the link to the right.

Data of the Month

Data Set of the Month

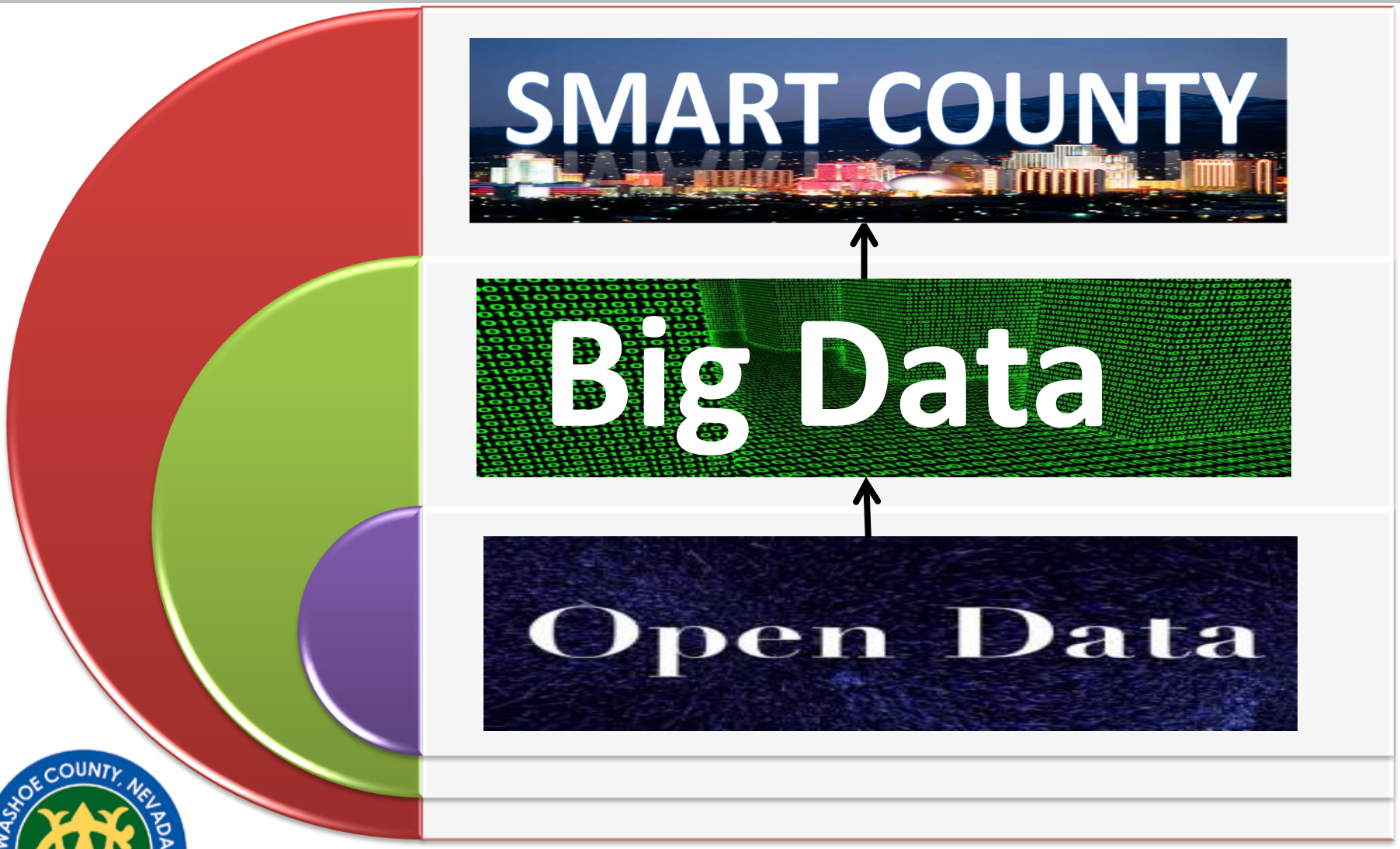
Credit Access Business Map - The data set may include active and inactive credit access businesses.

Search & Browse Datasets and Views

Most Relevant

	Name	Popularity	Type
1.	**Map of Declared Dangerous Dogs** Public Safety dangerous, dogs, public safety, pets, animals No declared Dangerous Dog in the City of Austin and Travis County should ever be running at large. They are court ordered to be restrained at all times	9,303 views	
2.	**Municipal Court Violation Location** Public Safety municipal, court, violation This data is provided to help with analysis of various violations charged throughout the City of Austin	4,853 views	
3.	**Restaurant Inspection Scores** restaurant, geodata, health Provides restaurant scores for inspections performed within the last three years. Online search of this data set also available at:	5,831 views	
4.	**Water Quality Sampling Data** Environmental water quality, eii, ali, barton springs, ... Data collected to assess water quality conditions in the natural creeks, aquifers and lakes in the Austin area. This is raw data, provided directly from	2,841 views	
	roperty Financial unclaimed, property, unclaimed property w.ci.austin.tx.us/financeonline/finance/financial_docs.cfm?ws=3&pg=1 for information if you find your name on the list. Every year,	3,501 views	
	pection Scores Chart restaurant, geodata, health	3,023 views	

WASHOE COUNTY, NEVADA 1861


SMART COUNTY
Big Data
Open Data

An Official Web Site of the United States Government
Change Text Size
SHARE
DATA.GOV
EMPOWERING PEOPLE
Open ID | Login
Search Data Catalog
Search site content
HOME
ABOUT
DATA
METRICS
OPEN GOVERNMENT
BLOGS
COMMUNITIES
WA
OR
CA
ID
NV
MT
WY
UT
AZ
CO
NM
ND
SD
NE
KS
OK
TX
MN
IA
MO
AR
LA
WI
IL
MS
MI
IN
KY
TN
AL
OH
WV
GA
FL
SC
NC
VA
PA
NY
VT
NH
ME
MA
CT
RI
NJ
DE
MD
DC
AK
HI
State
Cities
County
Other State Related
U.S. States
40
U.S. Cities and Counties
41
International Countries
43
International Regional
160

What Would We Do if Not Open Data?

- Key Performance Indicators
- Operational Metrics
  - Reports
    - Financial
    - Transactional System Summarization
    - Consolidation across Transactional Systems
  - Dashboards

- Public reactions to the data
- Raise questions on expenditures & processes
- Department commitment

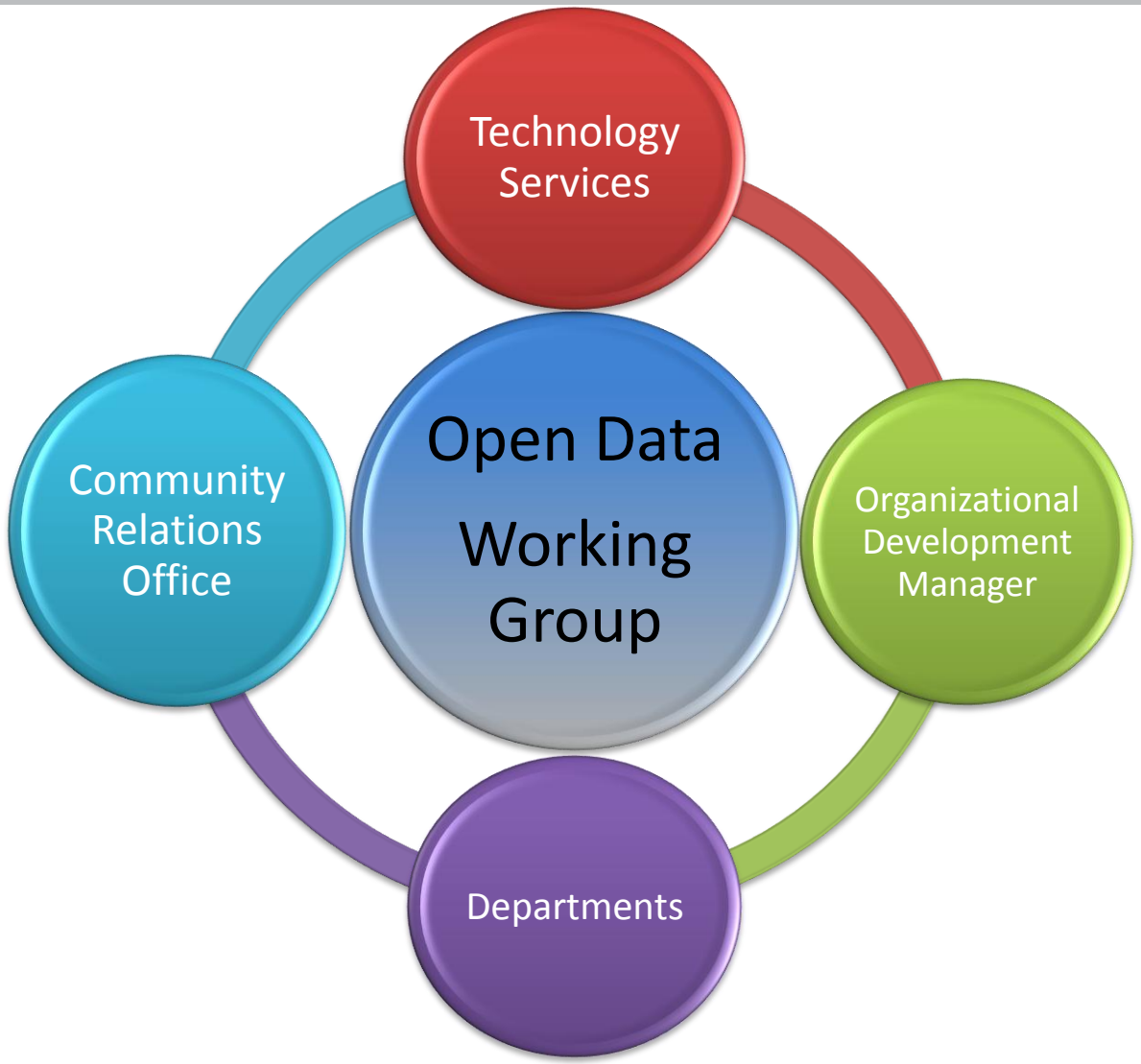
- Transparency
- Accountability
- Trust
- Improve government services

Next Steps – Strategy Development - Innovate with Open Data in Washoe County

SPONSOR

Information Technology Advisory Committee (ITAC)

TEAM


Technology Services
Community Relations Office
Open Data Working Group
Organizational Development Manager
Departments

- Charter and Focus Setting
- Request for Proposal - Strategy
- Implementation Prospectus

OPEN DATA