

CITY OF AUSTIN, TEXAS

INFORMATION TECHNOLOGY

Transforming your city with best-managed technology

Open Data Initiative

Renewing Our Commitment to Openness, Transparency
and Collaboration through Open Data

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What is Open Data?



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- **Open by default**
All data not subject to valid privacy, security or privilege limitations
- **Published online**
Proactively published in an accessible, open format that can be retrieved, indexed, searched and reused
- **Timely and consistent**
Data that is actively managed, maintained and updated
- **Non-proprietary/License-free**
Data that is not subject to any copyright, patent or other restriction



- Launched in 2011 with 25 data sets
- Currently near 200
- Successful partnerships with Open Austin and Code for America
- Quantity counts but... Quality increases opportunity
- Cities like San Francisco, New York City and Chicago are leaders
- It's a national stage...we need to be leading edge

Austin's Open Data Story



CODE *for*
AMERICA



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Who are our customers?



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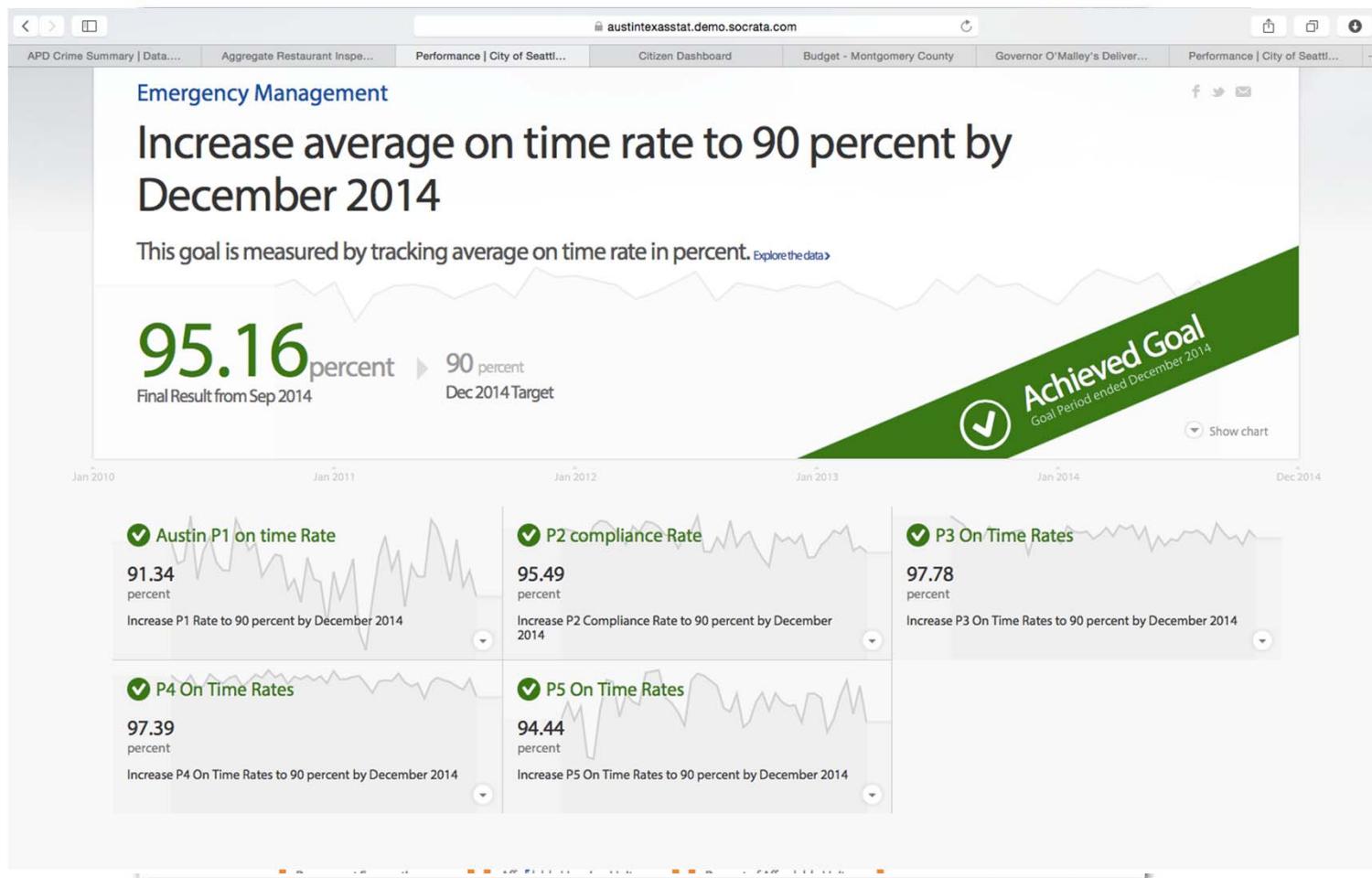
Opportunities: Transparency



- Proactive publication of data from a trusted source – the City!
 - Reduction in Public Information Requests
 - Increase trust and build relationships



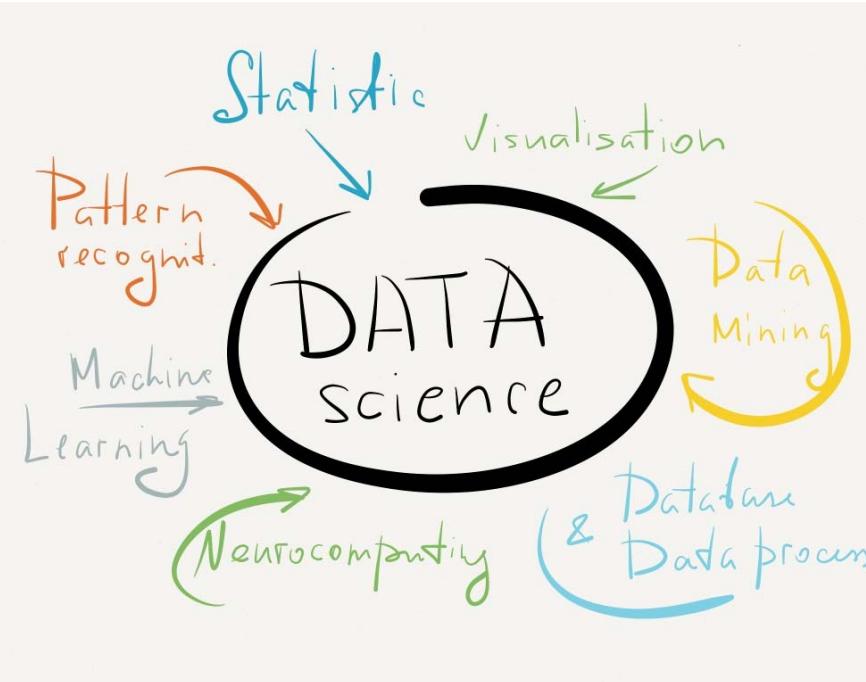
Opportunities: Performance



- Publish and create visualizations of your department performance



2015 Civic Hack Summit



Opportunities: Innovation

ATX
HACK FOR
CHANGE



- Civic application developers hacking for civic good
- Entrepreneurs and businesses – economic development
- Educational institutions researching, analyzing, discovering
- Data science applied to your most frustrating business challenges

Opportunities: Innovation Examples

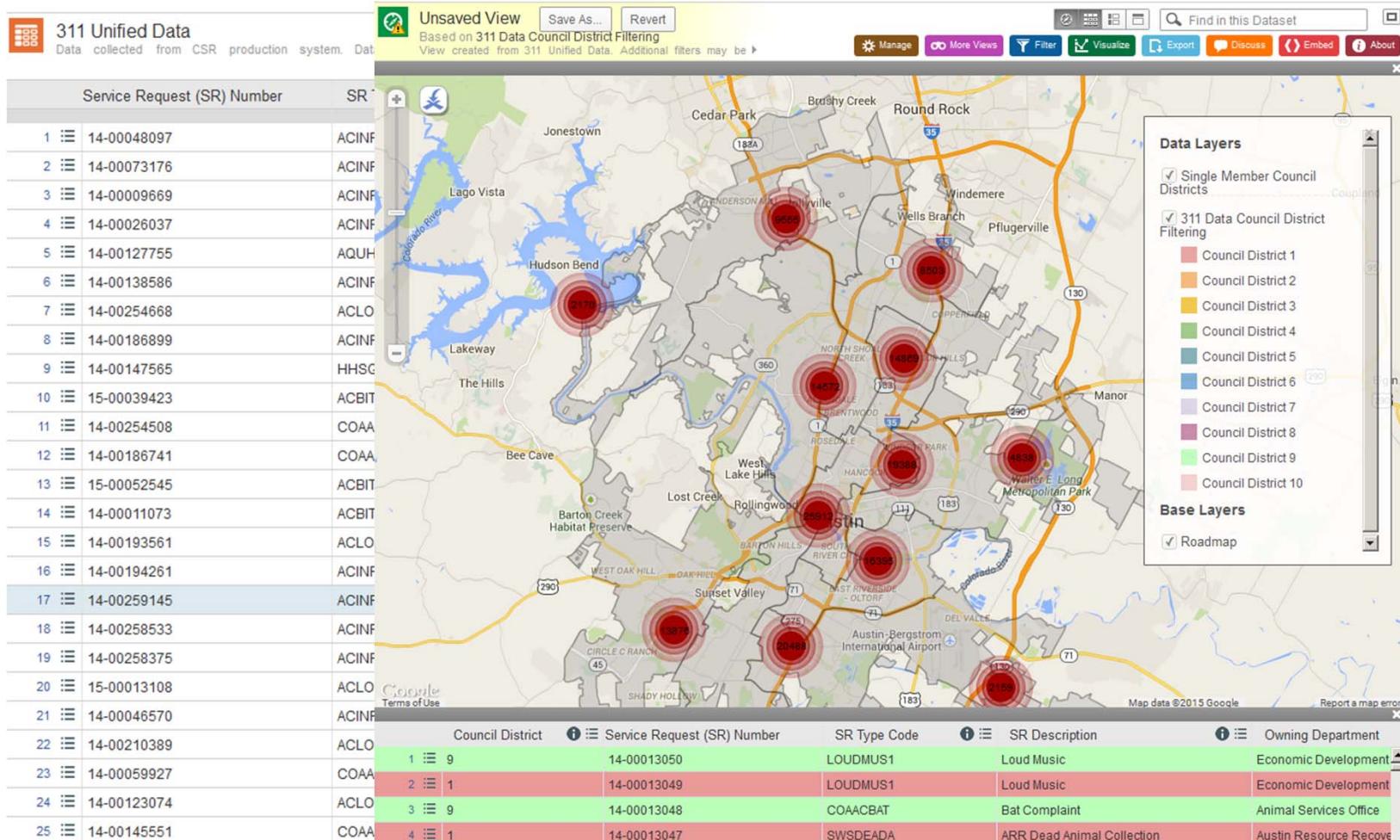
- Cities, Data and Apps
 - ATXFloods: Austin
 - Pothole finder: Boston
 - Public Transit Schedule Improver: Baltimore
 - 311: Chicago, Philadelphia, Austin, many others
 - Job-Seeker App: California Employment Development Department
 - Government Transparency
 - Planning, Development, Sustainability and more: Detroit
- Data Science for Social Good:
 - Food borne illnesses: NYC, Columbia University, Yelp
 - Fire reduction by predicting risk: NYC, Columbia University and IBM, Minneapolis
 - Smart City Cloud Platform: Boston, National Science Foundation, Boston University
 - UT's Center for Transportation Research: Improving mobility in central Texas



Opportunities: 3-1-1 Data

data.austintexas.gov data.austintexas.gov

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What is expected of me?

- Plan is governed through the Open Government Executive Board
- Plan contains short and long-term goals
- Kicks-off with 90-day participation plan
- Performance measured and reported quarterly and annually
- The initiative will be reviewed and renewed each year



Within 30 days

- Department Directors identify Open Data Liaison
 - Liaison will represent your department and participate in Open Data related organization and activities
 - Liaison will be familiar with departmental data and understand business objectives
 - Liaison will be empowered to make business/data decisions on behalf of department
 - Liaison will be provided training and access to tools/resources to aid in this process



Within 30 days

- Begin and complete departmental data inventory
 - Department Liaison to identify and list data sets owned and managed by your department
 - Is data considered public?
 - Is it currently accessible online?
 - What format is the data available in?
 - How often is data updated?
 - A checklist will be provided to assist in data inventory



Within 60 days

- Participate in Open Data workshops and public outreach designed to inform and explore open data opportunities
 - Monday Meetups (monthly, ad hoc)
 - Data Portal Orientation
 - Distributed Network of Data (DND)
 - Online forums
 - Civic hackathons and community meetups
- Departments will provide a draft readiness report, problem statement and a preliminary schedule detailing participation plans
 - A template will be provided
 - Problem framing facilitation will be provided



Within 90 days

- Each department will publish at least 3 data sets to the city Open Data Portal
 - Technical coordination, training and assistance will be provided related to publishing to the data portal
 - Once published, Departments will own managing and maintaining their data
 - CTM will provide ongoing technical support and consultation
- Review of already published data
- Each department will publish at least 1 problem statement



Within 90 days

- Departments will publish their plan for continued participation for the remainder of the year—plan will be posted on the City website
- A scorecard will be published on the City website detailing departmental participation



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US CITY OPEN DATA CENSUS

Home About Changes FAQ

NUMBER OF PLACES **94**NUMBER OF DATASETS **829**NUMBER OF OPEN DATASETS **204**PERCENTAGE OPEN **25%**Key: █ Yes █ No █ Unsure █ No data[+ Add information](#)[+ Add new location](#)austintexas.gov/information-technology

Beyond 90 days

- A review and assessment of the first 90 days
- Adjust and set new activities and measures for the remainder of the year (Sep. 2015 - May, 2016)
- Report quarterly and end-of-year progress



Open Data Initiative – Team

Open Government Executive Board

- Rey Arellano – Chair
- Anthony Snipes – Vice-Chair
- Stephen Elkins
- Greg Guernsey
- Doug Matthews
- Greg Meszaros
- Kerry O’ Connor



Support Team

- Marbenn Cayetano – Data Portal Administrator
- Matt Esquibel – Product Owner
- Ted Lehr – Open Data Architect
- Charles Purma – Project Manager
- CTM Technical Team
- Innovation Office Facilitation Team



Next Steps

- Identify your department Liaison
 - Due by COB April, 17 2015
 - Send to marbenn.cayetano@austintexas.gov
 - Name
 - Title
 - Department
- Data plan, policies, guides and tools/resources
 - <https://opendata.bloomfire.com/>
 - Register at above domain to get an account
- Clock starts ticking May 1, 2015



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The screenshot shows the homepage of the City of Austin's Open Data portal, data.austintexas.gov. The top navigation bar includes a search bar, an 'Ask' button, and various user icons. A banner at the top encourages users to support the Bloomfire community or create support tickets.

The main content area displays a grid of contributions. The first row contains three cards:

- Getting Started with the City's Data Portal** (series by Marbenn Cayetano) - An image of footprints on a map.
- Data Innovations the COA Way** (series by Marbenn Cayetano) - An image of a city skyline with the text "ATX HACK FOR CHANGE".
- Be Cool. Try Views!** (post by Marbenn Cayetano) - An image of a line graph.

The second row shows a single card:

- Your Feed • Recent • Popular** (Recent tab selected)

Below this, a sidebar provides filtering options:

- Clear all filters**
- CONTRIBUTION TYPES**: Post (16), Texts (11), Documents (3), Images (2)
- CONTENT**: Published in Open Data
- GROUPS**: Open Data (16)
- CATEGORIES**: Technology (1), Open Government (1)

The feed displays three recent posts:

- The Step by Step** (Marbenn Cayetano, March 27) - Published in Open Data. 11 views, 0 comments, 0 hi-fives.
- Importing Your Data Manually** (Marbenn Cayetano, March 26) - Published in Open Data. 7 views, 0 comments, 0 hi-fives.
- Data Portal Resource Links (forever expanding)** (Marbenn Cayetano, March 20) - Published in Open Data. 11 views, 0 comments, 0 hi-fives.

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data.austintexas.gov  Search contributions & members  Ask   

NEED BLOOMFIRE SUPPORT? SEARCH THE BLOOMFIRE COMMUNITY FOR YOUR TOPIC OR [CLICK HERE](#) TO CREATE A SUPPORT TICKET.

Open Data

 Add Comment  Hi-Five  Follow  Share

Last Updated 03/18/2015
Published 02/24/2015



Be Safe, Eat Safe

Restaurant Inspection Scores Dataset

by Marbenn Cayetano

 0  1  0  6

Restaurant Inspection Scores is one of the City's most popular dataset. And I guarantee that once you take a peak, every restaurant you visit from this point on, you'll be thinking in the back of your mind what kind of score they received...

The original Restaurant Inspection Scores dataset, raw and tabular
<https://data.austintexas.gov/dataset/Restaurant-Inspection-Scores/ecmv-9xxi>
Raw ain't your thing? Try it spatial!

 Flag for review



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[Edit](#) [0](#) [62](#) ...

How to Use the City of Austin Open Data Portal

The [City of Austin Open Data Portal at data.austintexas.gov](#) provides public access to datasets from the Austin municipal government. It uses the [Socrata](#) data portal software to help you share data, visualize it in charts, and perform lightweight analysis.

The how-to tutorials on this site use Austin data and the [Socrata](#) platform to show you basic and common tasks. Each process listed below will walk you through many of the functions available on the portal, so you can use any data you need as effectively as possible.



Resources on this website include:

- [Get started](#) -- Look at an overview at the portal layout and functions.
- [Create an account](#) -- Set up a Socrata account if you want to save filtered views of a data set, or save and possibly share charts and maps that use a dataset.
- [Search the data portal](#) -- Look for data, maps and charts, and filtered views in a number of different ways.
- [Filter a Data Set](#) -- Customize a dataset by applying filters.
- [Create a map](#) -- Plot your dataset on a city map.
- [Group and roll up data](#) -- Add Grouping columns and Roll-Up columns to select the specific data you want to visualize.
- [Visualize data with a chart](#) -- Select the chart type and add labels to view your data in a graphical format.
- [Download Data](#) -- Download a dataset or filtered data into a spreadsheet or data analysis application.
- [Share your data solutions](#) -- Embed visual data on a web page, or share a link to a page with your data.

- Wiki Home
- Recent Changes
- Pages and Files
- Members

Search

- All Pages
- home
- Create a Map
- Create a user account
- Creating a View and Mapping
- Download Data
- Filtering a Data Set for relevant data
- getting started with data portal
- Grouping and rolling up data
- Searching the Austin Open Data Portal
- Share your data solutions
- Visualize data with a chart

