Portland 2024 Open Data *Disco Tech* Resources

Proposed date. March 3/1 and 3/2 (Fr/Sa) 2024
Location: In situ: Portland Building (420 SW Main St. room 100, Portland, OR). Remote: Zoom-Open Democracy platform.

Event location: Portland Building. Event room 100.
Venue address: 1120 SW 5th Avenue; Portland, OR, 97201
Event date: March 2, 2024
Doors open at 9:00 AM
Event start time: 9:30 AM
Event end time: 4:00 PM
RSVP for in-person participation: (English) https://arcg.is/11urWv1
(Spanish) https://arcg.is/11rGeq0
Remote access registration:
https://us06web.zoom.us/meeting/register/tZIud-CvrToqEtz-toJgQi0BvwlmAoMBPwvM

Event URL:
https://www.portland.gov/bps/smart-city-pdx/events/2024/3/2/2024-city-portland-open-data-disco tech

Event Slack URL:
https://2024opendatadiscotech.slack.com/ssb/redirect

Event GitHub:
https://github.com/Community-Data-DiscoTech-Portland-2023

Event short description

The 2024 Open Data Disco Tech is a public event dedicated to the Portland community interested in exploring public data made available by City Bureaus. No matter your level of expertise, you can join and learn from one of the proposed projects and other people. The event will happen on March 2nd from 9:00 AM to 4 PM in person at the Portland Building (420 SW Main St. room 100, Portland, OR) and online.

Event description

This event is an opportunity to engage with local residents to explore the City of Portland's open data including neighborhood datasets, GIS maps, public safety, transportation, housing, and economic development data. This *DiscoTech* is an opportunity to learn and explore the City's data. This event is a public call to all interested in Portland's data from zero to subject matter experts.

"*DiscoTech*" is short for "Discovering Technology." It is a term coined by the Detroit Digital Justice Coalition which defines a replicable model for a multimedia, mobile neighborhood workshop fair. *DiscoTechs* are designed so that participants learn more about the impact and possibilities of technology within our communities.

The purpose of this event is to create a space for local residents and organizations to explore Portland neighborhoods data and other city open datasets. You can explore developing apps or spreadsheets to facilitate data visualization. Or, do your own data exploration and analysis, enhance the city data with other datasets; Or, dig deeper and explore metadata and link information underneath.

Participants will have the opportunity to learn, propose ideas and projects to others, join a team or individually, and develop their own analysis and apps that may contribute to our larger Portland Community. Multicultural, socially responsible, and projects in languages other than English are encouraged.

Light breakfast and lunch, coffee, and snacks will be provided during the event.

The Smart City PDX program team members are committed to dismantling barriers derived from systemic discrimination that have reduced the voice of marginal communities in Portland.

We want this event to become a collaborative space, rather than something competitive. So, we won't be offering prizes or awards; however, we will be able to incentivize community participation.

Projects will have the opportunity to be featured in the Smart City PDX site.

Be creative! Learn! Explore!

Event Agenda

Friday March 1st from 6 to 7:30 PM: 2024 Open data disco tech kickoff online event.
This initial optional event is to introduce attendees to what the open data Disco Tech is and the City's open data sources. There will be specific focus on the Portland neighborhood data from the Office of Community and Civic Life. Proposed projects will be introduced to attendees.

Friday 6 to 8 PM - Intro to open data and tools for data exploration. Looking at Portland's neighborhood data.
Agenda:

- *Disco Tech* kickoff event.
- Introduction of the event. How to Disco Tech
- Portland neighborhood data exploration
- Project introductions and teams creation

Coordinators:

Kick off meeting - Friday 3/1/2024 6:00 PM
Join the zoom link:
https://us06web.zoom.us/j/85863880053?pwd=pCadJW5KcYnVGHS2hql04P2Nhf8azC.1

Disco Tech day - Saturday 3/2 9:00 AM to 4 PM
Mode: Hybrid. In-person at the Room 100 of the Portland Building (420 SW Main St, Portland, OR 97204) - Max 35 people, and online.

Registration Link
RSVP for in-person participation:
(English) https://arcg.is/11urWv1
(Spanish) https://arcg.is/11rGeq0
Remote access registration:
https://us06web.zoom.us/meeting/register/tZIud-CvrToqEtz-toJgQi0BvwlmAoMBPwvM

Event agenda
9:00 - Door opens - coffee and bagels provided
9:30 - Kick off activities
10:00 - team formation and break out rooms - put together a list of subjects.
11:30 - Lunch break - lunch provided
12:30 - team check in
1:00 - 3:00 Teamwork
3:00 - Teams demo and report back
4:00 - end of event

Projects:

- Introduction to data 101 - data basics
- Exploring Portland neighborhoods
- Mobility data
- Public safety data
- Resiliency data (climate, energy, emergency management)

Privacy challenge:
https://docs.google.com/document/d/1Inf323AjhHmWOsACaFC2l3idijdjm-mR3h-RdBaBkUY/edit?usp=sharing

Surveys: (needed)

Demographics

Event experience

Exit survey

Note: Food deserts data

Resources needed:
(Smart City PDX blog post with datasets)

Github link: https://github.com/orgs/Community-Data-DiscoTech-Portland-2023/repositories

Discord channel

Web page to introduce people to open data, wiki

Put together a slidedeck on the city website.

Code of Conduct (2024):
https://docs.google.com/document/d/137CuVNBwTAb5pXb8UCv-9Px_OcarJaDYwwYFg0Mrcyo/edit?usp=sharing

Datasets groups descriptions

General sources of data:
Portland maps: https://www.portlandmaps.com/
Open data portal: https://gis-pdx.opendata.arcgis.com/
Portland maps metadata site: https://www.portlandmaps.com/metadata/
Portland human resources data: https://www.portlandoregon.gov/bhr/77730
National Equity Atlas: https://nationalequityatlas.org/City of Portland Public Analytics Dashboards
Black wealth data center: https://blackwealthdata.org/
Metro RLIS: https://rlisdiscovery.oregonmetro.gov/
Portland Street Response data:
https://public.tableau.com/app/profile/pdxstreetresponse/viz/PortlandStreetResponseDashboard/PSRDashboard?publish=yes
Cultivating Justice in a Changing Climate: A Multnomah County Community Zine
https://www.coalitioncommunitiescolor.org/cultivating-justice-zine

Data basics:

Description: This is the room for data basics exploration. No experience required
Problem description: This is a project to learn more about data. No experience required. Everyone is welcome to join. There will be a digital navigator helping people and sharing resources and materials.
Data resources:

Shared Google doc:
https://docs.google.com/document/d/12OaL2G-moy7fQi8PVsXuGxwjmFf0I2FdJ4Y1cFZMvXk/edit?usp=sharing
How to guides -

Exploring Portland neighborhoods data
Description: This team will work on tools or ways around the Portland neighborhood data
Problem description: Navigating socio-economic data can be complex and requires certain expertise to build narratives of social dynamics through data. This team will be exploring how to facilitate accessing Portland neighborhood data.
Data sources:

Portland engagement project
https://www.portland.gov/civic/portland-engagement-project
https://www.portland.gov/civic/myneighborhood/neighborhood-profile-maps
Dropbox folder:
https://www.dropbox.com/scl/fo/rq11fwo7m53ew6u88rq8t/h?rlkey=b5c3326c590pnd1mwqpsf2ys2&dl=0
Neighborhood data:
2023 map:
https://pdx.maps.arcgis.com/home/item.html?id=47c47b40279148d89d306124dd8246ad#overview
Interactive 2024 map: https://www.prcprojects.us/civic
Neighborhood data metadata
2023 metadata:
https://www.portlandmaps.com/metadata/index.cfm?&action=DisplayLayer&layerid=61035&action=DisplayLayer&LayerID=61035

Economic vulnerability map:
https://pdx.maps.arcgis.com/apps/webappviewer/index.html?id=e5c5d928ed254f60ae22a3c98b429559

Housing affordability
https://www.portland.gov/phb/affordable-housing-development

Portland Metro social vulnerability data
https://gis.oregonmetro.gov/social-vulnerability-explorer/

https://drcmetro.maps.arcgis.com/home/item.html?id=8b06f9dec60242e8ac0580d366f285d4

Shared Google doc:
https://docs.google.com/document/d/1tmaLbSackoTPvYh3pl273Id84HcBhMvrlvm9LqxECXg/edit?usp=sharing

Portland Mobility data
Description: This team will work/explore Portland region mobility data
Problem statement: Mobility data comes from different sources and privacy issues can be a concern. However, the benefits of optimizing people and goods mobility in the city can energize the local economy, reduce climate impacts, and connect communities better.
Data sources:
Vision zero:
https://public.tableau.com/app/profile/portland.bureau.of.transportation/viz/VisionZeroDashboard_16179023789280/VisionZeroDashboard
PBOT dashboards:

1. Ride Report Micromobility– Open Data Portal: *Description:* The Micromobility dashboard tracks ride information taken through PBOT's micromobility programs, namely the BIKETOWN e-bikeshare program and permitted e-scooters, including number of trips, trip distance, and fleet activation across the City.

Available via our E-Scooter Program page on the website. Also linked from the Bike-share program page. Lots of other good info, maps, and reports on this page too.

2. Vision Zero Map- *Description:* PBOT's Vision Zero map tracks all serious injury and fatal crashes in traffic incidents. This includes cyclist, pedestrian, and vehicular injuries and deaths. Data is provided by the Oregon Department of Transportation, which is on a two-year delay due to the reporting and certification cycle. Numbers shown since 2021 are preliminary figures provided by the Portland Police Bureau and are updated as the official ODOT figures become available.

   Available via our Vison Zero site on public website (labeled Interactive Crash Map).

PBOT data: https://www.portland.gov/transportation/data

Metro Rlis: https://rlisdiscovery.oregonmetro.gov/search?categories=transportation
TRIMET: https://developer.trimet.org/gis/
Reference:
Mobility data collaborative: https://mdc.sae-itc.com/

Shared Google doc:
https://docs.google.com/document/d/1LyXi6YmjAPPv-mnJj7um0yH1VTT6Om8HrausTmLoJk0/edit?usp=sharing

Portland Public safety data
Description: This team/room will be exploring public safety information, including police, fire and rescue, 911, and emergency management.
Problem description: Public safety can be defined from different perspectives. What does public safety mean to you? How can this definition be supported with data?
Data sources:
PPB open data portal: https://www.portland.gov/police/open-data
https://public.tableau.com/app/profile/portlandpolicebureau
Public safety page: https://www.portlandoregon.gov/64100
Portland street response: https://www.portland.gov/streetresponse/data-dashboard
Portland Fire and rescue dashboard (not downloadable data):
https://public.tableau.com/app/profile/roy.lawson1690/viz/FlexdatestatisticsReportv9_16109949016810/Story1

Shared Google doc:
https://docs.google.com/document/d/19gJoBskG-d2xDHav6nnUlt6OXjLuQbNVJRQ5s5BVvgk/edit?usp=sharing

Portland Resiliency data (climate, energy, emergency management)
Description: This room/team will explore data connected to community resilience, including climate, air quality, energy, emergency management
Problem description:
Data sources:
Emergency maps: https://gis-pdx.opendata.arcgis.com/search?q=emergency
Tree canopy inventories: https://gis-pdx.opendata.arcgis.com/search?q=tree%20
Heatmap data from PSU
Climate layers in RLIS
Metro Urban Heat Islands
Cultivating Justice in a Changing Climate: A Multnomah County Community Zine
https://www.coalitioncommunitiescolor.org/cultivating-justice-zine

Shared Google doc:
https://docs.google.com/document/d/11DKXT4sTj6mo7G3zu81YEJoyQ1x1EycPjYG4e2jgRZo/edit?usp=sharing

Portland Economic Development
Short description: Portland local economies can be analyzed with data.What risks and opportunities can be found in neighborhoods with open data?
Description: *This project has not been created yet.
Data sources:

Prosper Portland data: https://prosperportland.us/?s=data
Prosper Construction data - https://prosperportland.us/business-and-workforce-equity-in-construction/
Urban renewal areas: https://gis-pdx.opendata.arcgis.com/datasets/badd4fa5aa7047b1a42831216ffc6c7e_2/explore
Business districts: https://gis-pdx.opendata.arcgis.com/datasets/bbf6c94876cc47eca6b05aa1c71d2c90_11/explore
Vulnerability index: https://gis-pdx.opendata.arcgis.com/datasets/ce007c021e2b4067b47ec28bfaa0a428_207/explore

Shared Google doc: https://docs.google.com/document/d/1M7cv0Zn35f7zEKy6Fad00UEQckC00pjvUbCWe_w-5Ns/edit?usp=sharing

Additional links

Open data resources
https://resources.data.gov/PoD/principles/
Data Justice - Detroit Community Technology Project library (link)
How to disco tech zine - https://detroitcommunitytech.org/?q=content/how-discotech-zine
Using spreadsheets for data analysis (presentation)
The Gov Lab library collection (link)

Event logistics and resources

Github (Code for PDX) or platform for projects - Code for PDX
Code of conduct - Ask (Code for PDX, Democracy Lab)
Electronic communications, sharing information, files, (mattermost) - collective

Start social media communications and request questions on data.(linkedIn, FB, X, etc) - City Comms

Code of Conduct: https://docs.google.com/document/d/137CuVNBwTAb5pXb8UCv-9Px_OcarJaDYwwYFg0Mrcyo/edit