

ALGORITHM REGISTRY

Information Management Form

Name of Algorithm

Feral Feline Scanning Tool

Select Municipality from Dropdown

Dogwood Borough



Select Department or Program from Dropdown

Animal Control



Problem to Be Solved

The over-abundance of feral cats has led to countless bird deaths, scared children, and destruction of local Nepeta cataria crops.

Description

The Feral Feline Screening Tool (FFST) is a predictive risk modeling tool that rapidly integrates and analyzes hundreds of data elements for each cat recorded by distributed cat scanners, smart moustraps, and security cameras across the region. The tool can rapidly integrate and analyze these data as well as create a synthesized visualization of the information. The result is a 'FAST Score' that predicts the long-term likelihood that this sighting indicates a feral colony.

Change in Process

Prior to August 2016, any report of feral cats was received at the Pittsburgh Underground Research Repository (PURR) and required staff receiving the referrals - and their supervisors - to manually access a myriad of data and information to help decide whether or not to investigate the report as a possible cat colony. ('screen in' and investigate or 'screen out' and offer relevant community resources). We reasoned that by using technology to gather and weigh all available

Intended Results

According to the algorithm, the animal control officers in Dogwood would be notified if the algorithm detects the presence of a cat colony. FFST score above a certain threshold would trigger a dispatch to the area where the feral cat colony exists.

Vendor 1

Animal Countz

Vendor 1 Contact

Tim Swimmins (tswims@animalcountz.co.nz)

Vendor 2

1-800-CATRACK

Vendor 2 Contact

Kat Venderino (kat@catrack.biz)

Add / Delete Tags

- Lorem Ipsum
- Lorem Ipsum
- Animal Control
- Lorem Ipsum
- Safety
- Lorem Ipsum
- Dogwood Borough
- Lorem Ipsum
- Lorem Ipsum

Add / Delete Associated Data Sets

Current Associated Data Sets

- National Pet Microchip Registry [View Data Set Definitions](#) | [Delete Association](#)
- Pupperton County Cat Licenses [View Data Set Definitions](#) | [Delete Association](#)
- Dogwood Borough Police Department [View Data Set Definitions](#) | [Delete Association](#)

Add Associated Data Sets

Select Associated Date Set from Dropdown

All Registered Data Sets



Management Log

October 4, 2021, 2:03pm

Description updated by Chairman Meow

March 13, 2021, 9:17am

City of Pittsburgh Police Department added as Associated Data by Dog Jeffreys

July 4, 2020, 4:12pm

Known Issue PCA_02 added by Cat Stevens

June 1, 2020, 3:00pm

Algorithm added to registry by Eleanor Pawsevelt

Community Engagement Log

Add Event

April 30, 2021

Open forum at Downtown Library

Read report

September 2020

Responses to open forums

Read report

May 15, 2020

Open forum at Barkside Library

Read report

May 1, 2020

Open forum at "Le Chien Savant" book store

Read report

Registry Overview | [Log In](#)

ALGORITHM REGISTRY

Dogwood Borough / Animal Control

Feral Feline Scanning Tool

Dogwood Borough Contact
animalcontrol@dogwood.gov

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Intended Benefit

According to the algorithm, the animal control officers in Dogwood would be notified if the algorithm detects the presence of a cat colony. FFST score above a certain threshold would trigger a dispatch to the area where the feral cat colony exists.

Vendor(s)

Model and Algorithm

Animal Countz

Contact: Tim Swimmins (tswims@animalcountz.com)

Technical Implementation and System

1-800-CATRACK

Contact: Kat Venderino (kat@catrack.biz)

[View Demo of Algorithm](#)

Data Sets last updated 10/22/21 Show ▼

Model Card last updated 06/12/20 Show ▼

Known Issues last updated 10/01/21 Show ▼

Oversight and External Reviews last updated 06/12/20 Show ▼

Risk Management last updated 05/23/21 Show ▼

RISK LEVEL

LOW

[Review risk level criteria](#)

[Review risk level assessment for this algorithm](#)

TAGS

Animals

Animal Control

Dogwood Borough

COMMENTS AND REPLIES

[Recent](#) | [All](#) | [Leave a Comment](#)

Anonymous User 3579, October 22, 2021, 7:42am

The feral cats in my neighborhood are still harassing my grandma when she tries to catch the bus. Can someone please explain why the score for our neighborhood is so low?

Government Employee 01, October 23, 2021, 10:45am

Please [use this link](#) to access the appointment calendar and request an appointment with one of our staff. Thank you.

Robert Smith, September 1, 2021, 4:42pm

I'd like more information on the data sets used for this algorithm. Can you provide me with that information?

Government Employee 01, September 2, 2021, 10:45am

Under the algorithm description there is a menu to access more information on the data sets used for this algorithm. You can also use [this link](#) to access that page directly from this message.

COMMUNITY ENGAGEMENT

April 30, 2021

Open forum at Downtown Library

[Read report](#)

September 2020

Responses to open forums

[Read report](#)

May 15, 2020

Open forum at Barkside Library

[Read report](#)

May 1, 2020

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[Read report](#)

ALGORITHM REGISTRY

CREATE NOTIFICATION

Your Name

Eleanor Pawsevelt

Notification Methods

Email OFF

Text Message ON

Phone Call OFF

Mail OFF

Notify Me When:

OFF A new algorithm is added

OFF A new algorithm is deployed

ON A change is made to a specific algorithm

Select Algorithm from Dropdown

Feral Feline Scanning Tool ▼

OFF A change is made to any algorithm with these tags

- Lorem Ipsum
- Lorem Ipsum
- Lorem Ipsum
- Lorem Ipsum
- Lorem Ipsum
- Lorem Ipsum

Hello Eleanor Pawsevelt,
 The Feral Feline Scanning Tool was updated on
 October 21, 2021, at 11:57am. The Description
 was changed. To view the change, click [this link](#).

ALGORITHM REGISTRY

Proposed Algorithms



Smart Parking Meters

[More information....](#)



Automated Pothole Detection Using Smart Phones

[More information....](#)

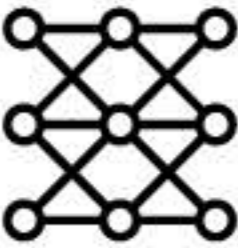
Active Algorithms



Feral Feline Scanning Tool

Dogwood Borough

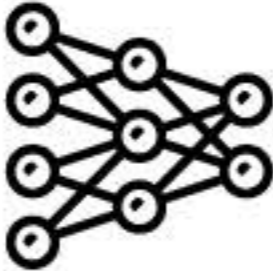
[More information....](#)



Lorem Ipsum

Pupperton County

[More information....](#)

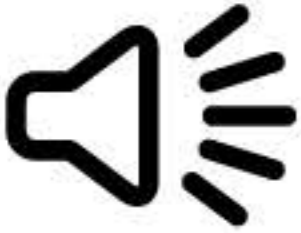


Ipsum Lorem

City of Pittsburgh

[More information....](#)

Additions and Changes



Automated Noise Complaint

Updated July, 2021

[More information....](#)



Predictive Snow Days

New October 1, 2021

[More information....](#)

Community Events




Open Forum
Barkside Library
November 23, 2021
8:00pm

[More information....](#)



Intro to Data Luncheon
Le Chien Affamé
December 1, 2021
1:00pm

[More information....](#)



Open Forum
Downtown Library
December 12, 2021
8:00pm

[More information....](#)

View Options

- Proposed Algorithms
- Active Algorithms
- Additions and Changes
- Community Events
- Inactive Algorithms
- Under Review Algorithms

TAGS

SELECT MUNICIPALITY

[Update View](#)

SELECT DEPARTMENT OR PROGRAM

[Update View](#)