

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 distrubuted cat scanners, smart moustraps, and security cameras across the region. The tool can rapidly integrate and analyze these data as well a 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 ifthe 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

ALGORITHM REGISTRY

Dogwood Borough / Animal Control

Feral Feline Scanning Tool

Dogwood Borough Contact
animalcontrol@dogwood.gov

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Intended Benefit
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Vendor (s)
Model and Algorithm
Animal Countz
Contact: Tim Swimmins (tswims@animalcountz.co.nz)

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 ▼

search

RISK LEVEL

HIGH
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
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Read report

ALGORITHM REGISTRY

CREATE NOTIFICATION

Your Name

Eleanor Pawsevelt

Notification Methods

Email

OFF

Text Message

ON

412-555-2518

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

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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


search

Proposed Algorithms



Smart Parking Meters


More information....



Automated Pothole Detection Using Smart Phones

More information....

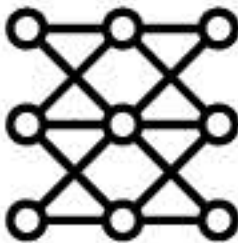
Active Algorithms



Feral Feline Scanning Tool

Dogwood Borough

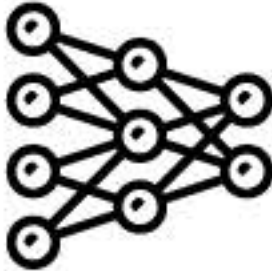
More information....



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

Lorem

Lorem Ipsum

Ipsum Lorem

Family

Noise

Parking

Pot Holes

Parking

License Plate Reader

Snow

License Plate Reader

License Plate Reader

Weather

Lorem

SELECT MUNICIPALITY

All Municipalities

Update View

SELECT DEPARTMENT OR PROGRAM

All Departments and Programs

Update View