
BATALOG

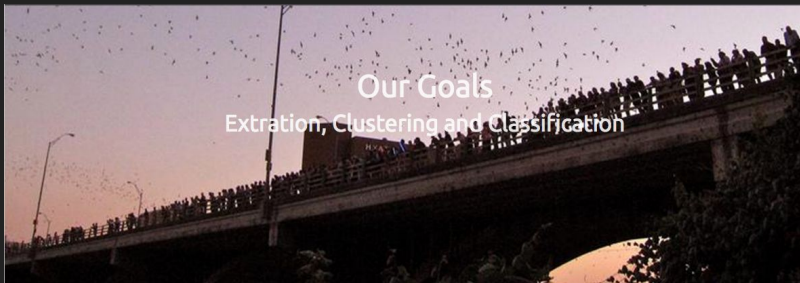
Progress Report #2.5

Group Members:

Hadi S. (h_soufi) | David M. (dlmassey)
Rahim I. (r_iqbal) | Kevin K. (knkeomal)
Thien L. (t_le)



User signup, login Template, Reset Password



Our Goals


Extraction, Clustering and Classification

Forgot password

Email:

Fall 2018/Spring 2019 UNCG [For More Information](#) Hadi S.,Thien L., Kevin K., David M., Rahim J.(Yang P., Bety R.)

Your Company Name



Welcome

you can login to upload the file


Login

Username:

Password:

Fall 2018/Spring 2019 UNCG [For More Information](#) Hadi S.,Thien L., Kevin K., David M., Rahim J.(Yang P., Bety R.)

Bat Echolocation Data

Login 

Members

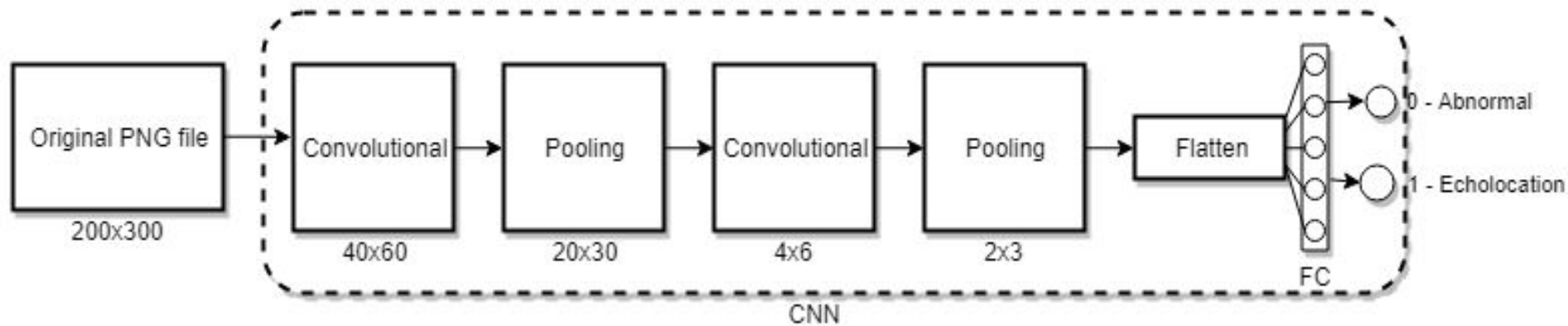
Hadi Soufi, Thien Le, Kevin Keomalaythong, David Massey, Rahim Jawaid(Yang Peng, Bety Rostandy)

Signup Form

Username:

Required. 150 characters or fewer. Letters, digits and @/+/./_ only.

First name:



- Convolutional Layer formula:
$$\text{Output} = (\text{Dimension size} - \text{Filter size} + 2(\text{Padding size}) / \text{Stride}) + 1$$

Pooling Layer formula:
$$\text{Output} = ((\text{Dimension size} - \text{Filter size}) / \text{Stride}) + 1$$
- Uploaded files to UNCG server to test bigger CNN's like InceptionV3 and others created
- Best accuracy is with the 200x300 model of 75% for abnormal files and 99% for echolocation files calculated from the test/validation files

CNN

Database API

- Passing data from GUI to DB
- Handling data conversion

Database Structure Browse Data Edit Pragmas Execute SQL

Table: images

	name	raw	classification
	Filter	Filter	Filter
1	P7172114_0.png	BLOB	echolocation
2	P7172114_1.png	BLOB	echolocation
3	P7172114_10.png	BLOB	echolocation
4	P7172114_11.png	BLOB	echolocation
5	P7172114_12.png	BLOB	echolocation
6	P7172114_13.png	BLOB	echolocation
7	P7172114_14.png	BLOB	echolocation
8	P7172114_15.png	BLOB	echolocation
9	P7172114_16.png	BLOB	echolocation
10	P7172114_17.png	BLOB	echolocation
11	P7172114_18.png	BLOB	echolocation
12	P7172114_19.png	BLOB	echolocation
13	P7172114_2.png	BLOB	echolocation
14	P7172114_20.png	BLOB	echolocation
15	P7172114_21.png	BLOB	echolocation
16	P7172114_22.png	BLOB	echolocation
17	P7172114_3.png	BLOB	echolocation
18	P7172114_4.png	BLOB	echolocation
19	P7172114_5.png	BLOB	echolocation
20	P7172114_6.png	BLOB	echolocation
21	P7172114_7.png	BLOB	echolocation
22	P7172114_8.png	BLOB	echolocation
23	P7172114_9.png	BLOB	echolocation

1 - 23 of 23

Go to: 1

Edit Database Cell

Mode: Image

Type of data currently in cell: PNG Image
320x240 pixel(s), 2.50 KB

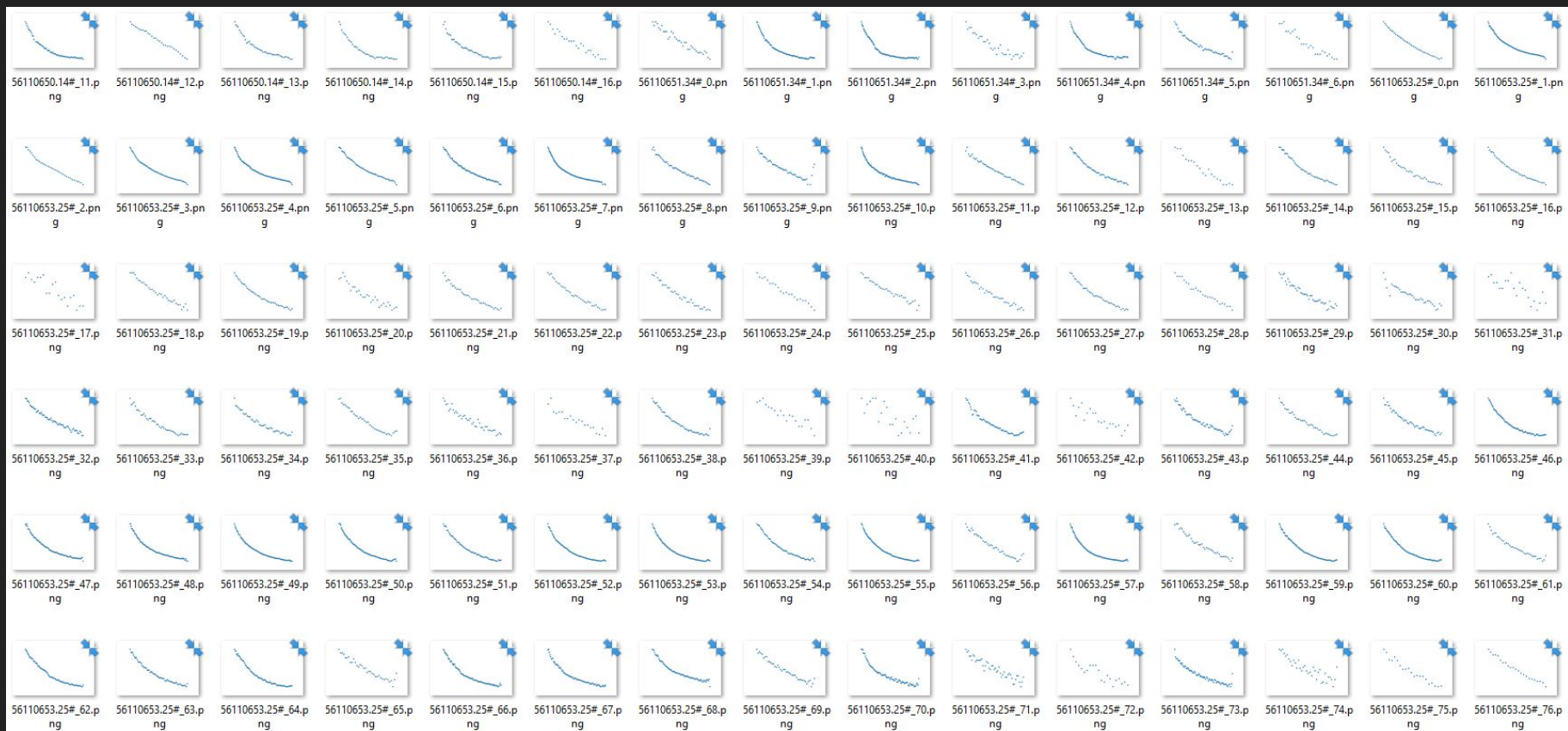
Remote

Name	Commit	Last modified	Size
------	--------	---------------	------

SQL Log Plot DB Schema Remote

```
name raw classification
0 P7172114_0.png b'\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\x00\... echolocation
1 P7172114_1.png b'\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\x00\... echolocation
2 P7172114_10.png b'\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\x00\... echolocation
3 P7172114_11.png b'\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\x00\... echolocation
4 P7172114_12.png b'\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\x00\... echolocation
5 P7172114_13.png b'\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\x00\... echolocation
6 P7172114_14.png b'\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\x00\... echolocation
7 P7172114_15.png b'\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\x00\... echolocation
8 P7172114_16.png b'\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\x00\... echolocation
9 P7172114_17.png b'\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\x00\... echolocation
10 P7172114_18.png b'\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\x00\... echolocation
11 P7172114_19.png b'\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\x00\... echolocation
12 P7172114_2.png b'\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\x00\... echolocation
13 P7172114_20.png b'\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\x00\... echolocation
14 P7172114_21.png b'\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\x00\... echolocation
15 P7172114_22.png b'\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\x00\... echolocation
16 P7172114_3.png b'\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\x00\... echolocation
17 P7172114_4.png b'\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\x00\... echolocation
18 P7172114_5.png b'\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\x00\... echolocation
19 P7172114_6.png b'\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\x00\... echolocation
20 P7172114_7.png b'\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\x00\... echolocation
21 P7172114_8.png b'\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\x00\... echolocation
22 P7172114_9.png b'\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\x00\... echolocation
```

Tuning noise removal



Scrum Sprint 8

Sprint 8

Start Mar 15, 2019 [Change](#) Due by Mar 21, 2019 - Due today [Change](#)

Labels ▾

Hide Pull Requests

Burn Pipelines ▾

Burndown report

Weekends

Ideal

Completed



175 Total Story Points

175 Completed / 0 Remaining

14 Total Issues and Pull Requests

14 Completed / 0 Remaining

Completed Issues and Pull Requests

Story points

🔒	Install DBBrowser for SQLite	Bat_Echolocation_2019 #54	III Closed	🔒 Sprint 8	5
🔒	Experiment with DB Browser	Bat_Echolocation_2019 #55	III Closed	🔒 Sprint 8	20
🔒	Create a table for images	Bat_Echolocation_2019 #56	III Closed	🔒 Sprint 8	5
🔒	Create a table for user registration info	Bat_Echolocation_2019 #57	III Closed	🔒 Sprint 8	5
🔒	Sort out issues with running Django website via PowerShell	Bat_Echolocation_2019 #58	III Closed	🔒 Sprint 8	15
🔒	Connect DB API to Django's SQLite3 DB	Bat_Echolocation_2019 #59	III Closed	🔒 Sprint 8	20
🔒	Group Meeting 2019-03-19	Bat_Echolocation_2019 #60	III Closed	🔒 Sprint 8	10
🔒	Create tables in SQLite3 database	Bat_Echolocation_2019 #61	III Closed	🔒 Sprint 8	10
🔒	Add images to Image table (SQLite3 DB)	Bat_Echolocation_2019 #62	III Closed	🔒 Sprint 8	10
🔒	Set Up Basic Operations (DB API)	Bat_Echolocation_2019 #63	III Closed	🔒 Sprint 8	15
🔒	Set up image data fetching	Bat_Echolocation_2019 #65	III Closed	🔒 Sprint 8	15
🔒	Clean up DB API code and push to repo	Bat_Echolocation_2019 #66	III Closed	🔒 Sprint 8	10
🔒	Have DB API pass image data back to GUI	Bat_Echolocation_2019 #67	III Closed	🔒 Sprint 8	15
🔒	Create Progress Report 2.4 presentation slides	Bat_Echolocation_2019 #68	III Closed	🔒 Sprint 8	20

Thank you!



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