

This directory contains the version 0.0.1 release of ANOMALY Detect.

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Author:

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Downloading

You can download ANOMALY Detect from the web here  
<https://skorgaonkar@bitbucket.org/skorgaonkar/gaussiananomalydetection.git>

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How it works!

Anomaly Detect generates random input samples by simulating (r,g,b) values between (0-255) for training. For testing it simulates values that go beyond the normal input range (-150-400). The size of the test data set is 1/10<sup>th</sup> that of the training data set.

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Running the Software

Navigate to the directory where the sanket-freeDist-anomaly-detection-0.0.1.jar file is and execute the following command

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java -cp sanket-freeDist-anomaly-detection-0.0.1.jar  
sanket.free.distribution.driver.DetectionEngineDriver 10000 0.5
```

sanket.free.distribution.driver.DetectionEngineDriver is the name of the class that contains the main() method.

Args[0] - is the population size - range =>( 10000 - 100000)

Args[1] - is the scale factor valid range is 0.1 - 0.9,  
recommended range is 0.5 - 0.9 for best results.

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System Requirements

This software requires that a version of java is installed on your computer. You can download java at <https://www.java.com/en/download/> and you can check which version of java you have by typing java -version on your command line or terminal. Java version 1.7 or greater should give best results although earlier installations of java might work too.

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Documentation

Documentation should have been supplied with this distribution of the software. Documentation is also available at  
<https://skorgaonkar@bitbucket.org/skorgaonkar/gaussiananomalydetection.git> under GaussianAnomalyDetection / doc /

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Development

Development has been hosted at  
<https://skorgaonkar@bitbucket.org/skorgaonkar/gaussiananomalydetection.git> - at this point there are no plans for any continued development of this software.

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Bug Reporting

You can report any bugs found here:

<https://bitbucket.org/skorgaonkar/gaussiananomalydetection/issues/new>

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Git Access

<https://skorgaonkar@bitbucket.org/skorgaonkar/gaussiananomalydetection.git>

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