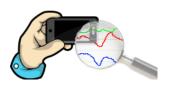
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Competitions Datasets Kernels





Accelerometer Biometric Competition

Recognize users of mobile devices from accelerometer data

\$5,000 · 633 teams · 4 years ago

Overview

Data

Discussion

Leaderboard Rules

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Overview

Description

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More On Accelerometer Data

Winners

Since everyone moves differently and accelerometers are fast becoming ubiquitous, this competition is designed to investigate the feasibility of using accelerometer data as a biometric for identifying users of mobile devices.

Seal has collected accelerometer data from several hundred users over a period of several months during normal device usage. To collect the data, we published an app on Googles's Android PlayStore that samples accelerometer data in the background and posts it to a central database for analysis.

We have uploaded approximately 60 million unique samples of accelerometer data collected from 387 different devices. These are split into equal sets for training and test. Samples in the training set are labeled with the unique device from which the data was collected. The test set is demarcated into 90k sequences of consecutive samples from one device. A file of test questions is provided in which you are asked to determine whether the accelerometer data came from the proposed device.

Leaderboard > 1 gaddawin 2 Solórzano 3 Target Leak Model 4 Dan Stahlke 5 Dieselboy 6 Victor 7 YS-L 8 Guillaume BS

> 44 discussion topics what just happened on the leaderboard! 5 replies · 4 years ago 11th Hour 16 replies · 4 years ago **Final Requirements** 3 replies · 4 years ago Is there a way I can get the ground truth 0 replies · 4 years ago Scores without leakage. 11 replies · 4 years ago

Close Launch 4 years ago 4 years ago

633 773 Teams Competitors Points This competition awarded standard ranking points

Tiers This competition counted towards tiers

Tags	auc	small				

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