

Sapienza University of Rome, Italy
Master in Artificial Intelligence and Robotics
Machine Learning (2018/19)

Homework 1

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Homework 1. Malware analysis

- Download and understand the data contained in the DREBIN data set
- Define a classification problem for malware analysis (target function)
- Implement or use a classifier for the chosen problem
- Describe the evaluation procedure and the results (not only accuracy)
- Write a report describing: the specific problem chosen, the classification algorithm implemented, and the results
- Submit the report (PDF version only) and the code (ZIP file) through Classroom

Note: any programming language, any library, any tool is allowed.

Reference: DREBIN data set

https://drive.google.com/file/d/0Bxxqx_AAp2u2enI0UzBqSEZQRHc