

# Machine Learning Driven Web Server Log Analysis

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The project is largely based on Timothy's previous work, which produced a working ML model for certain types of web logs (i.e. *apache* ). Further implementations that are suggested consist in accepting more common web logs (*Node.js-Docker web logs*, for instance, which is growing in usage).

Moreover, the possibility of rewriting part of the repository and not using Spark could yield the wanted result of adding this as an extension to **AppSensor**. Further expansions include the improvement and self-adaptation of "*trainees*" (trained generation outcome) to the log analysis prediction mechanisms (i.e. better accuracy and improved A.I. analysis).

These developments may find rewarding and interesting fits as extensions to the AppSensor.