

Laboratory 1 Report

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This is the abstract of the report.

CCS Concepts: • **Computing methodologies** → **Supervised learning by classification**; **Unsupervised learning**; *Natural language processing*; *Machine learning*; *Machine learning approaches*; • **Security and privacy** → Intrusion detection systems.

Additional Key Words and Phrases: Machine learning, supervised learning, unsupervised learning, language models, text classification, clustering, intent classification, SSH shell attacks, security log analysis

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2 CONCLUSIONS

*The authors collaborated closely in developing this project.

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A APPENDIX