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**Module:** 6006CEM Machine Learning

**Course**: Computer Science

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[The more we evolve in technology, the more attention to cybersecurity we need to have. The Open Web Application Security Project (OWASP) focuses on web application security and keep informing developers of new security issues that may turn up. 4](#_Toc57301586)

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# **Introduction**

**(where you describe the problem and discuss the motivation and/or possible application area of the problem as well as existing related work.**

# **Dataset description**

**(where you describe and critically analyse the datasets, preprocessing, feature selection and extraction)**

# **Implementation**

**where you describe the Machine Learning methods and/or other methods employed to solve the problem. Note that, if you are using algorithms/methods l earnt in the module or some well-known classic ones, you are only required to mention the algorithms/methods names. Otherwise, you are required to describe the algorithms.**

# **Results, Evaluations and Conclusions**

**4. Results, Evaluation and Conclusion where you present and evaluate the performance of the built models, and critically discuss your findings.**

# **Background Research**

# The more we evolve in technology, the more attention to cybersecurity we need to have. The Open Web Application Security Project (OWASP) focuses on web application security and keep informing developers of new security issues that may turn up.

# **References**

Chauhan, Sudhanshu, and Nutan Kumar Panda (2015) *Hacking Web Intelligence*, [online] available from <<https://www.sciencedirect.com/science/article/pii/B9780128018675000112>> [20 November 2020]

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* OWASP (nd) *A2:2017-Broken Authentication,* [online] available from <<https://owasp.org/www-project-top-ten/2017/A2_2017-Broken_Authentication>> [21 November 2020]
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