

# UE15EC347 — Machine Learning

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**Assignment I: Probability Theory  
for Machine Learning**

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**Deadline:** 01 February 2018, 1015 Hours

1. Problems from Chapter 1 [1]: 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.10, 1.12, 1.13, 1.21, 1.22.
2. Problems from from Chapter 2 [1]: 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.10, 2.12, 2.17, 2.18, 2.24, 2.25, 2.29.

## References

- [1] C. M. Bishop, *Pattern Recognition and Machine Learning*, Springer, 2006.