

## These are the questions and answers to Quiz #2:

1) Why is it important to have monitoring mechanisms in place when dealing with Big Data Security?

- ☐ Because privileged operations can be protected through access control policies
- ☐ Because it provides a strong authentication mechanism for big data frameworks

**X Because no system is 100% secure**

- ☐ All of the above

2) In the context of Big Data, data encryption can help protect data

- ☐ by encrypting sensitive data recorded in big data storages
- ☐ by encrypting the communication of sensitive data within big data projects (e.g. internal staff and roles)
- ☐ by encrypting the communication of sensitive data between an organization and third-parties involved in the big data project

**X All of the above**

3) Annotations (Big Data Processes) obtained through implicit crowdsourcing consists in:

- ☐ Crowdsourcing the annotation task through third-party existing crowdsourcing platforms (e.g. Amazon Mechanical Turk)
- ☐ Performing the annotation tasks using only automated techniques

**X Using annotations provided by the crowd from the (data) source platform**

- ☐ None of the above

4) The Big Data Process involves a number of phases and activities. The success of a big data project can be guaranteed only when such process is executed end-to-end and sequentially (no iterations involved) from acquisition and recording, to interpretation.

- ☐ True

**X False**

5) The Aggregation activity within the Big Data Process can be useful for:

- ☐ Combining various data and information sources
- ☐ Preserving privacy when the source data contain sensitive information
- ☐ Dealing with huge streams of data, for example, by summarizing information that's relevant for the big data project

**X All of the above**