**Traccia 2**

The candidate answers the following questions concisely, concretely and accompanying the answer, where required, with a simple but adequate example to illustrate the theoretical aspects of the question.

1. The candidate briefly describes a clustering method and discusses its application to a concrete case.

2. The candidate briefly describes the Principal Component Analysis (PCA) method and discusses its application in a concrete case.

3. The candidate briefly describes a model of supervised deep learning and discusses its application in a concrete case.