# ARTIFICIAL INTELLIGENCE

**MUR DM 118 - Foundations of Intelligent Systems**

<table>
<thead>
<tr>
<th>Funded By</th>
<th>MINISTERO DELL'UNIVERSITA' E DELLA RICERCA [Piva/CF:97429780584] UNIVERSITA' DEGLI STUDI DI MILANO [Piva/CF:03064870151]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supervisor</td>
<td>DI CARLO STEFANO - <a href="mailto:stefano.dicarlo@polito.it">stefano.dicarlo@polito.it</a></td>
</tr>
<tr>
<td>Contact</td>
<td>Nicolò Cesa-Bianchi, Università degli Studi di Milano <a href="mailto:nicolo.cesa-bianchi@unimi.it">nicolo.cesa-bianchi@unimi.it</a></td>
</tr>
<tr>
<td>Context of the research activity</td>
<td>Study the theoretical and algorithmic foundations of intelligent systems for data analysis. Progetto finanziato nell'ambito del PNRR – DM 118/2023 - CUP E14D23001830006</td>
</tr>
<tr>
<td>Objectives</td>
<td>Study the theoretical and algorithmic foundations of intelligent systems for data analysis, including textual, visual, biomedical data, and data generated via interactions with humans and the environment. The methodologies will be mainly data-driven, including explainable AI, reinforcement learning, and deep learning.</td>
</tr>
</tbody>
</table>
| Skills and competencies for the development of the activity | Fundamentals of machine learning  
Linear algebra  
Probability and statistics  
Algorithms and data structures  
Data management |