Second semester
1/10/2024

<u>Intro into AI and ML</u>

Data science is the field that involves extracting knowledge and insights from large and complex datasets through methods encompassing statistics, machine learning, and data analysis.

Machine learning is the use and development of computer systems that are able to learn and adapt without following explicit instructions, by using algorithms and statistical models to analyze and draw inferences from patterns in data.

Machine Learning is a subset of Data Science focused on algorithms that learn from data, while Artificial Intelligence is a broader field that encompasses ML and other techniques to enable machines to mimic human intelligence. Data Science uses ML as a tool to extract insights and make predictions based on data.