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Machine Learning

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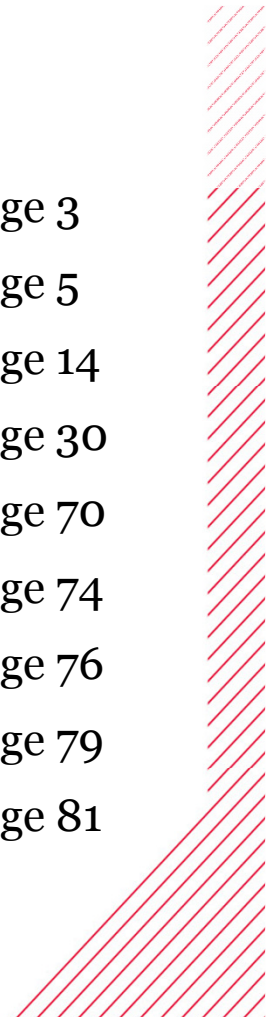
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Management Summary





Management summary

- › Machine Learning is a container concept. Although Machine Learning appears to be ‘new’, it includes several techniques that have a long tradition our field.
- › The techniques within Machine Learning that are new to our field were mostly developed in Computer Science.
- › The basic steps in a Machine Learning process involve:
 - (1) train an algorithm/model using a training set.
 - (2) use the trained algorithm/model to classify new data
- › Creating a good training set can be very tedious, time consuming and costly. It is however essential for successful applications of Machine Learning algorithms.
- › None of the Machine Learning algorithms uniformly outperforms all others.
 - Model performance strongly depends on the characteristics of the project.
- › Some of the Machine Learning algorithms are ‘black boxes’.
 - This hinders their application in the light of GDPR regulations.



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Machine Learning: What is it and why is it important?

