



*STUDENT
ENTREPRENEURS CLUB*



Reimagine

Workshop (2) Intelligence Artificielle

February 18th 2020

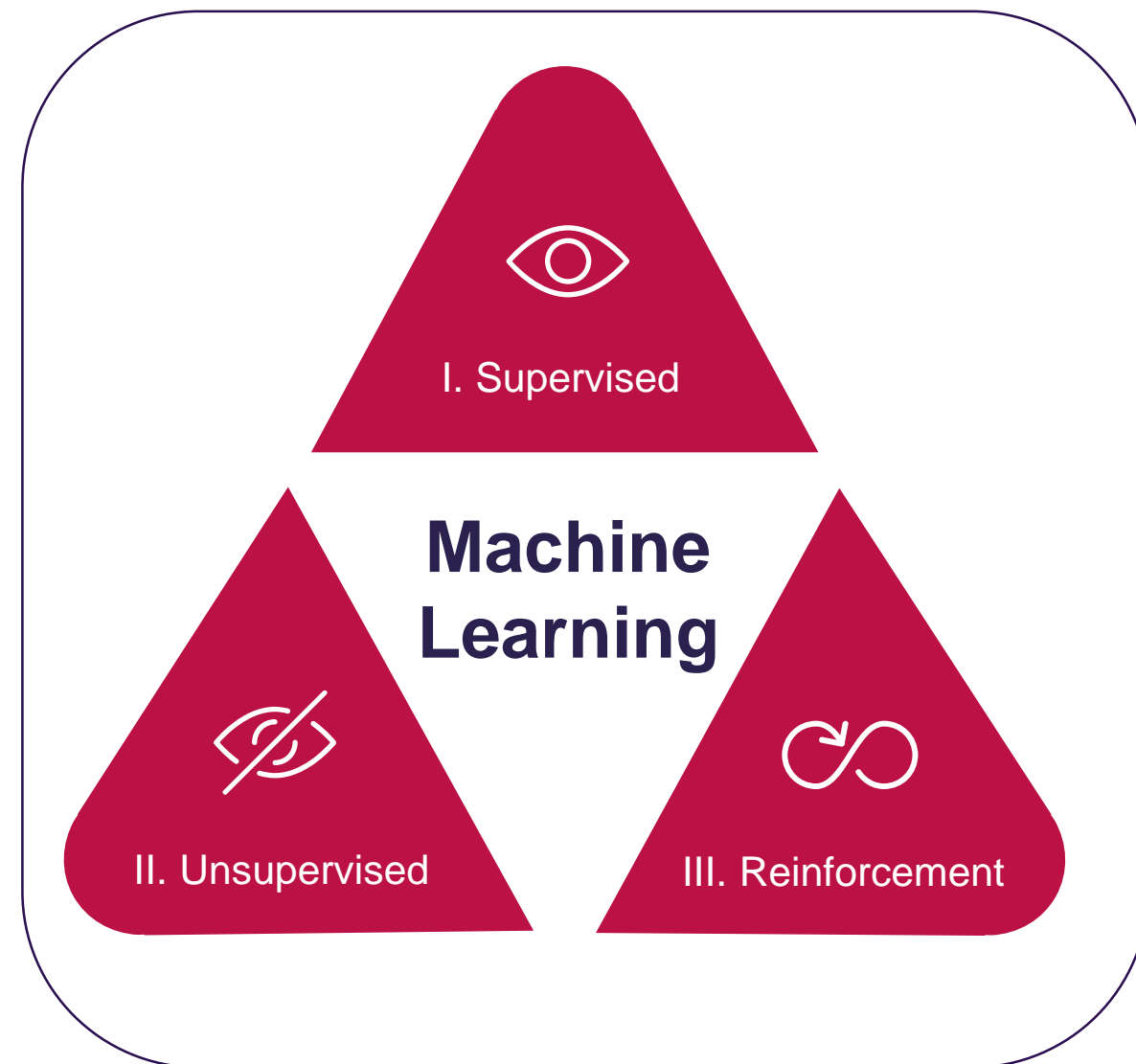
A photograph of a person with long hair, wearing a white shirt, sitting at a wooden desk. They are using a silver laptop. To the left of the laptop is a white cup on a saucer. In front of the laptop is a white pen and a spiral-bound notebook. The background is a bright, out-of-focus window. A dark red rectangular box is overlaid on the top left of the image, containing white text.

01

From theory to practice

From Theory to Practice

- 1 What is the use case?
- 2 What AI Technology will you leverage?
- 3 Which type of learning solution will you use?
 - *Supervised ML*
 - *Unsupervised ML*
 - *Reinforcement Learning*
- 4 Traditional ML techniques or Deep learning techniques?



AI Booster Program

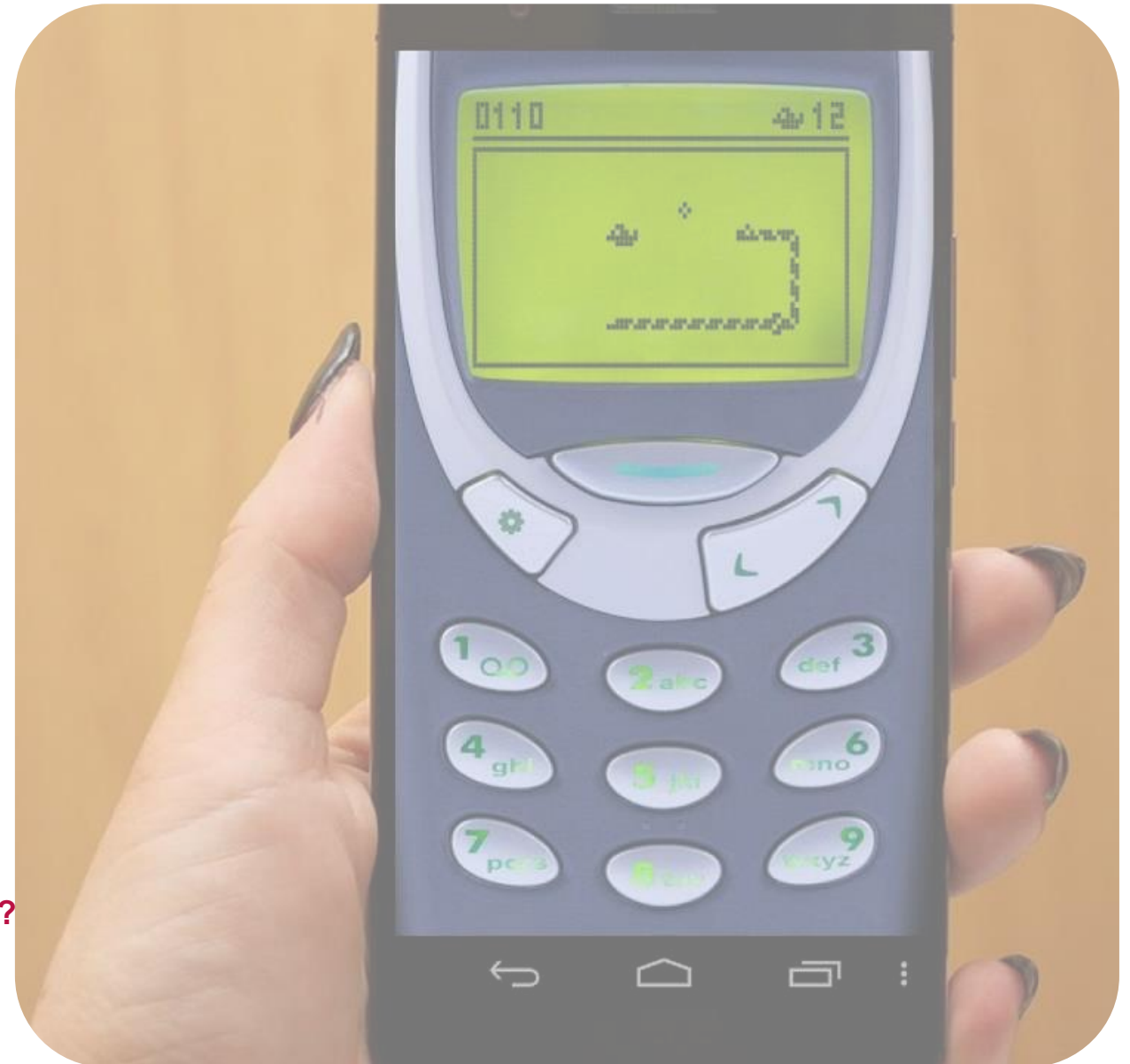
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Diagnostics & Vision – AI Value Canvas

Group work

Now it's your turn!

Make 4 groups of 5...

Choose a use case discussing the Smart City concept using Computer Visioning technology

Fill in the AI Value Canvas...

And present your results to the rest of the group!



Diagnostics & Vision – AI Value Canvas

Scoring

1. Originalité = 30 %
2. Compréhension de la technologie = 20%
3. Approche = 20 %
4. Qualité de la présentation = 20%
5. Processus end to end = 10%



Diagnostics & Vision

From Business strategy to AI project selection

The **AI Value Canvas** helps you to structure and convey the holistic idea of your AI project to others

The Business Model Canvas

Designed for: _____ Designed by: _____

Key Partners Who are our key partners? Which resources are we depending on? Which key activities do we need? Which key resources do we need?	Key Activities What activities must our Value Propositions require? Which activities are most important? Which key resources do we need?	Value Propositions What value are we offering to our customers? Which activities are most important? Which key resources do we need?	Customer Relationships What type of relationship do we want with our customers? Which activities are most important? Which key resources do we need?	Customer Segments Who are our target customers? Which activities are most important? Which key resources do we need?
Key Resources What resources are we depending on? Which key activities do we need? Which key resources do we need?		Channels Through which channels do we want to reach our customers? Which activities are most important? Which key resources do we need?		
Cost Structure What are the most important costs? Which activities are most important? Which key resources do we need?		Revenue Streams How will we generate revenue? Which activities are most important? Which key resources do we need?		

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AI Project Canvas Title: _____

Data Which data do you need?	Skills Which skills do you need for development?	Value Proposition What is the value added by your project?	Integration How will the project be integrated?	Customers Who are the end customers?
Output Which key metric are you optimizing for?		Stakeholders Who are the key stakeholders?		
Cost What costs will the project incur?			Revenue How will the project generate revenue?	

Diagnostics & Vision – AI Value Canvas

Define the problem



Who are the stakeholders?

Which technology do you want to use? (NLP, Robotics, etc.)

What do you want to achieve with AI?

What should the model predict?

Who will use the model?

How well should the model perform?

Which manual actions will the model replace?

What is the value of being right (business gain)

What is the cost of a wrong prediction?

Data Gathering



What kind of training data is needed to train the model?

How much training data is needed to train the model?

Is the training data already accessible at the company? If no: which actions should be undertaken to get the data?

Evaluation



How can the quality of a given prediction be measured?

How and by whom will your model be tested in the field?

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