

Kelwin Fernandes, Ph.D. CEO at nilg.ai kelwin@nilg.ai Al shot Diving into an Al use case Al shot

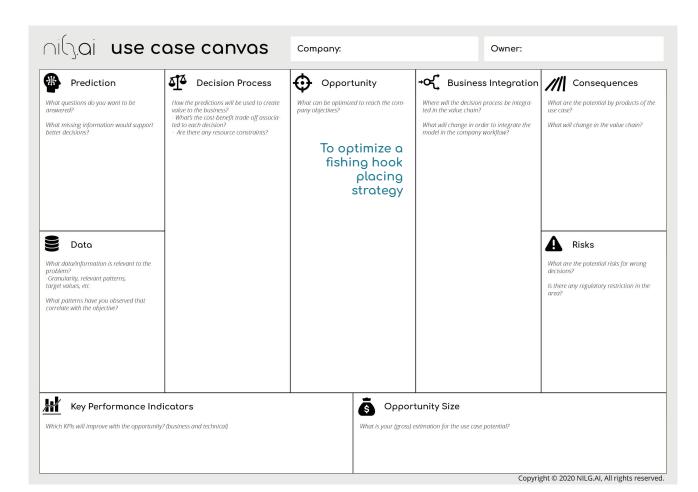
Al shot Embedding Domain Knowledge

The Learning Spectrum

Semi-Supervised Learning

Ahoy, sailor!

The opportunity: To optimize a fishing hook placing strategy





Prediction



- What questions do you want to be answered?
 What missing information would support better decisions?





Data



- What data/information is relevant to the problem?
 - o Granularity, relevant patterns, target values, etc
- What patterns have you observed that correlate with the objective?





Key Performance Indicators



• Which KPIs will improve with the opportunity? (business and technical)





Decision Process



- How the predictions will be used to create value to the business?
 - What's the cost-benefit trade-off associated to each decision?
 - Are there any resource constraints?





Business Integration



- Where will the decision process be integrated in the value chain?
- What will change in order to integrate the model in the company workflow?





Consequences



- What are the potential by-products of the use case? What will change in the value chain?





Risks



- What are the potential risks for wrong decisions? Is there any regulatory restriction in the area?





Opportunity Size



• What is your (gross) estimation for the use case potential?





Thank you! Questions?





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