

Title: But.. they are not ready for ML.

Abstract: Stakeholders can come up with compelling AI/ML use cases. In some cases, an AI/ML solution may not be feasible. This panel/talk addresses ways on how to evaluate AI/ML readiness of a use case. If the use case is deemed not AI/ML ready, this explores recommendations to give your stakeholders. This may include exploratory data analysis of existing data, formulating a data strategy, defining standardized data collection and streamlining operations. Improvement of process and data are positive by-products of having an AI first mindset even if you haven't released a single model to production.

Discussion Points:

What are situations when a stakeholder is not ready for ML? This could be due to lack of data, no access to prod data, when business value is not properly articulated, or there is no business value at all, regulatory restrictions, complexity of the problem, when there are operational dependencies, when there are not enough experts from the data science or the business side, or when there might be difficulty in adoption etc.

How do you align future AI/ML goals to existing data strategy? Example: well defined taxonomy

How do you make your existing software be ready for future AI/ML solutions? Example. More robust logging, emphasize flexibility and interoperability of design

How do you make your workforce ready for future AI/ML solutions? Ex. Expose prototypes

Relevance to the Workshop:

Evaluation of AI/ML readiness should be the first step in any AI/ML lifecycle. But this part of the lifecycle does not have to end with a simple 'ready' or 'not ready' outcome. This talk/discussion challenges the assumption that you need to have data to get the full value of AI. Yes, data is a prerequisite to AI, but improvement of process and data are positive by-products of having an AI first mindset even if you haven't released a single model to production.

Short Bio:

Lory is a Data Science Executive for Wealth Management Technology, responsible for leading global AI initiatives at JPMorgan. As a former law intern, Software Engineer, Business Intelligence Analyst, Research Scientist and as 'engineer one' of a startup, she brings a unique perspective on AI projects. She holds multiple patent applications, and is a published technical author and an international speaker for AI/ML.

Lory was named the 2021 Data Science Professional of the Year at the Waters Technology Women in Data and Technology Awards.

Lory holds a Bachelor's Degree in Mathematics from the University of San Carlos in the Philippines.

Company Portrait:

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