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Designing AI Software with the User in Mind: Moving from Proof of Concept to Product

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ABSTRACT

You've demonstrated in a proof of concept that you can use AI to solve a problem, but it only works for your ML experts and dev ops, who are typically working at the level of Jupyter notebooks and shell scripts, and it's only working on a set of demonstration datasets used in the proof of concept. There's no way you can propagate the workflow developed in the PoC across your organization and have any uptake. What now?

It is important, even as early as building out a proof of concept, to have the end user in mind. Who do you envision will want your AI-driven solution? What will their skillset in data science look like? How will they interact with the data, and what products will they want as a result of the workflow? These are all critical questions that need to be addressed in order to move from a proof of concept to a product that can be used by non data scientists and thus propagated through an organization.

In this presentation, we will show how to go through the process of moving from proof of concept to product. We will demonstrate, using examples, ways to ask and answer all these types of questions, and how to progress from research results to a useful and usable solution.

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