Kicking off your Machine Learning Solution

Describe your solution in one or two sentences:

Business Context

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| **Motivation**  What do you need the solution for? | **Baseline**  Do you have an existing solution? If not: what could be a basic solution? | **Metrics**  How would you measure the success of the system? | **Impact**  How bad could a wrong prediction be. If you have a true/false prediction, what would you rather get wrong? | **Users**  Who will use the solution and how? Is this internal or external users? Will they accept a solution? | **Robustness**  What will be the consequences of downtimes and errors? |
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Be as specific as possible

Organizational Challenges

Which do you expect to experience in your organization and how could you react to them?

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| **Culture not ready**  Corporate culture does not allow for failures which are inevitable in the first phase of an ML project. | **Unrealistic Expectations**  Expectations of ML are unrealistic. Really useful solutions are often unspectacular. | **Underestimation**  Doing machine learning requires a lot of skills, developers need to learn over years. | **Data Handling**  Data is available, but you can't get access, e.g. to sensitive information | **Biases**  Mindsets and data will have strong biases |
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