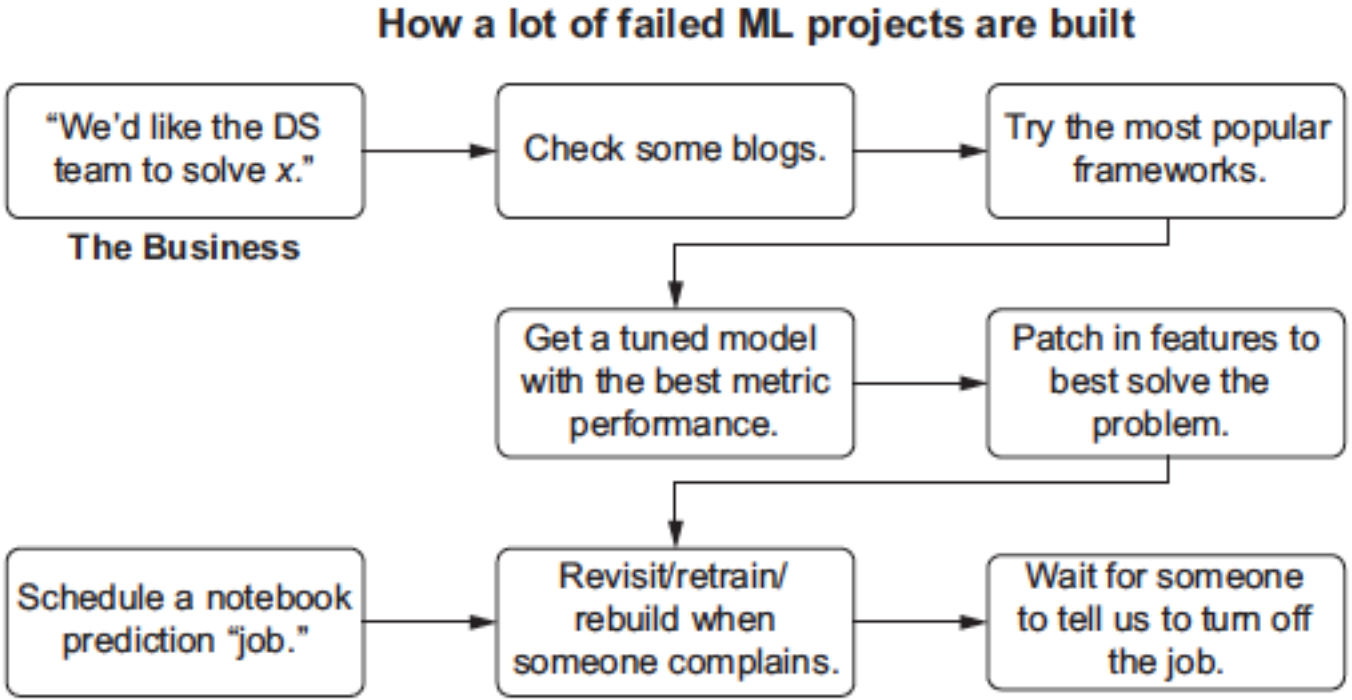
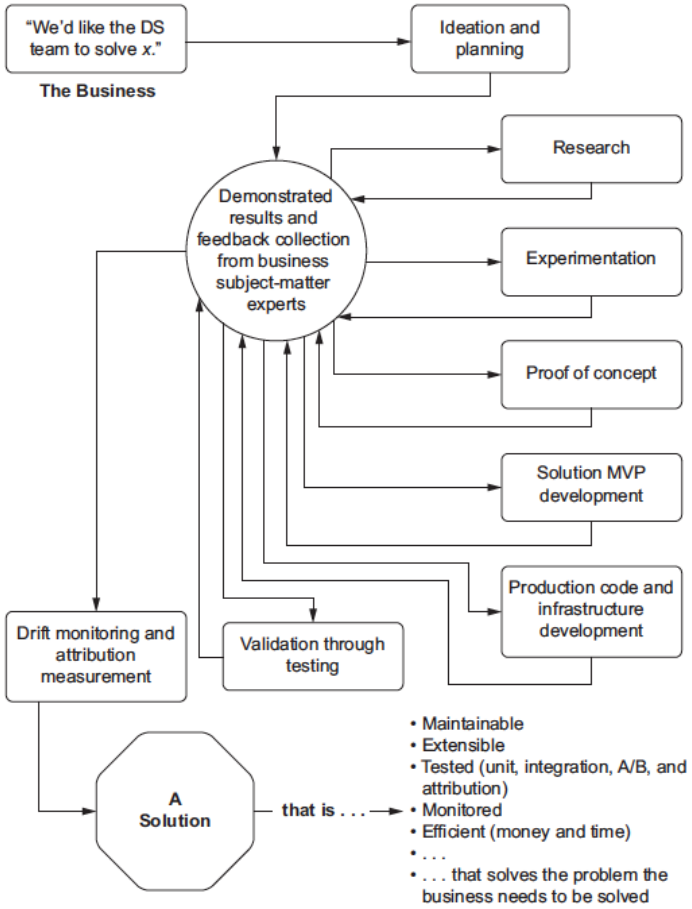
Machine Learning Systems Design



"Machine Learning Engineering in Action", Ben Wilson, Manning, 2022.



"Machine Learning Engineering in Action", Ben Wilson, Manning, 2022.

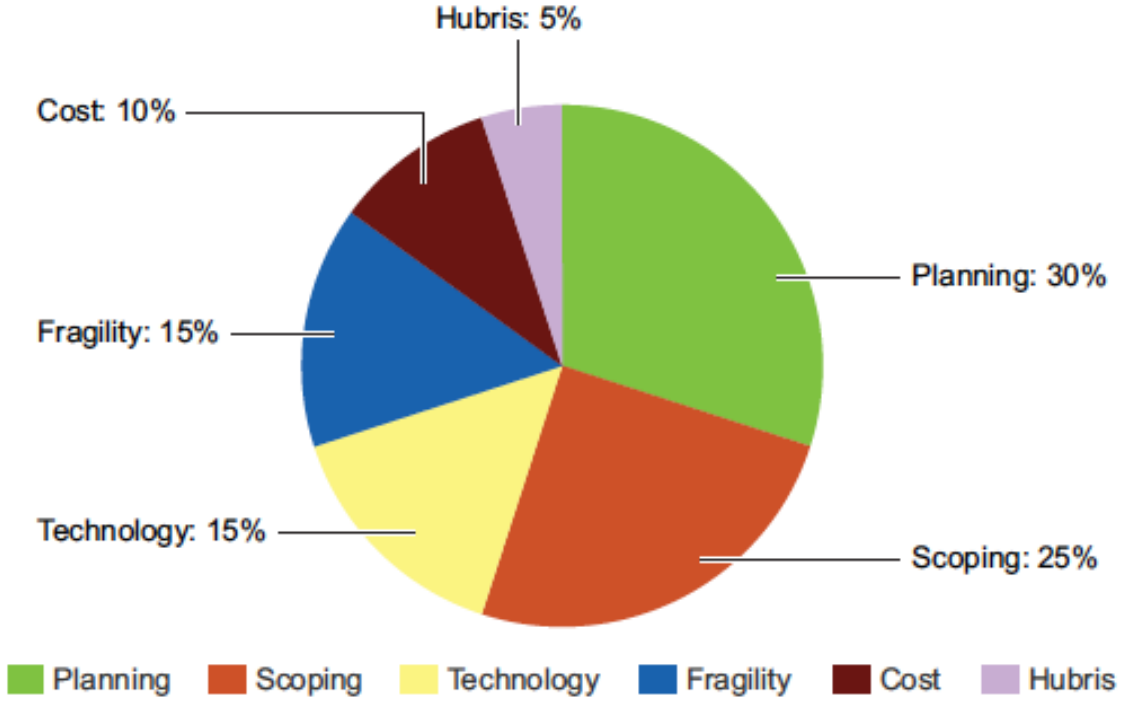


Figure 1.2 My estimation of why ML projects fail, from the hundreds I've worked on and advised others on

"Machine Learning Engineering in Action", Ben Wilson, Manning, 2022.

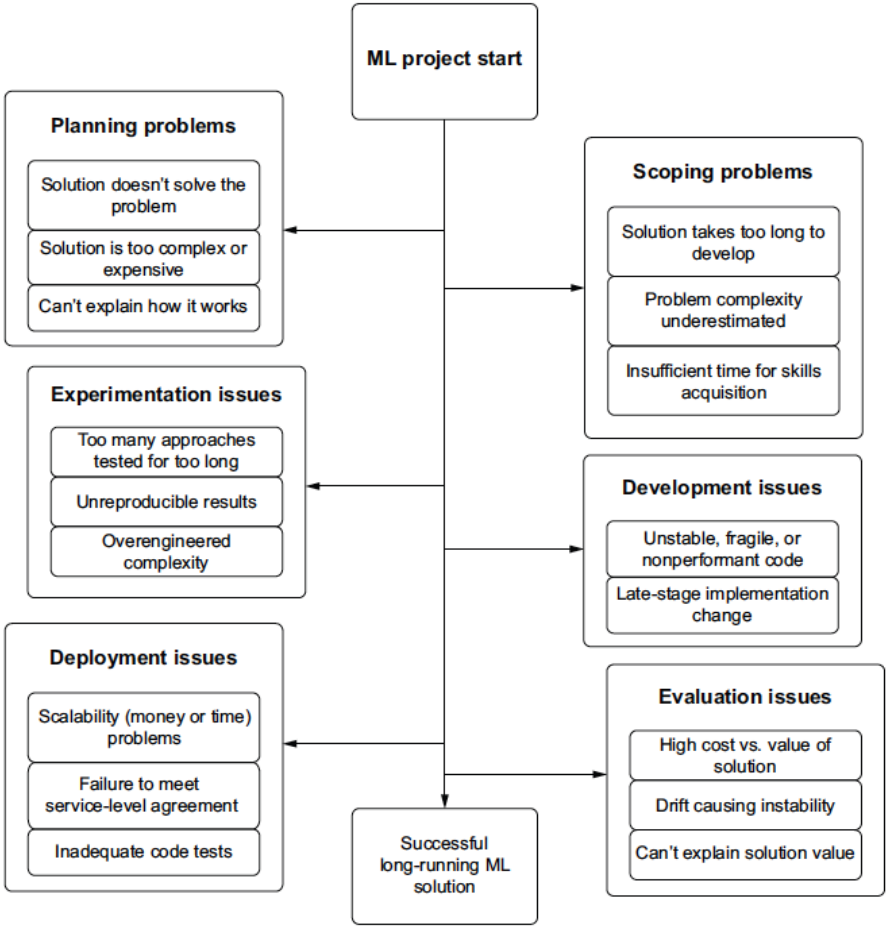


Figure 1.3 ML project detours that lead to project failure

"Machine Learning Engineering in Action", Ben Wilson, Manning, 2022.

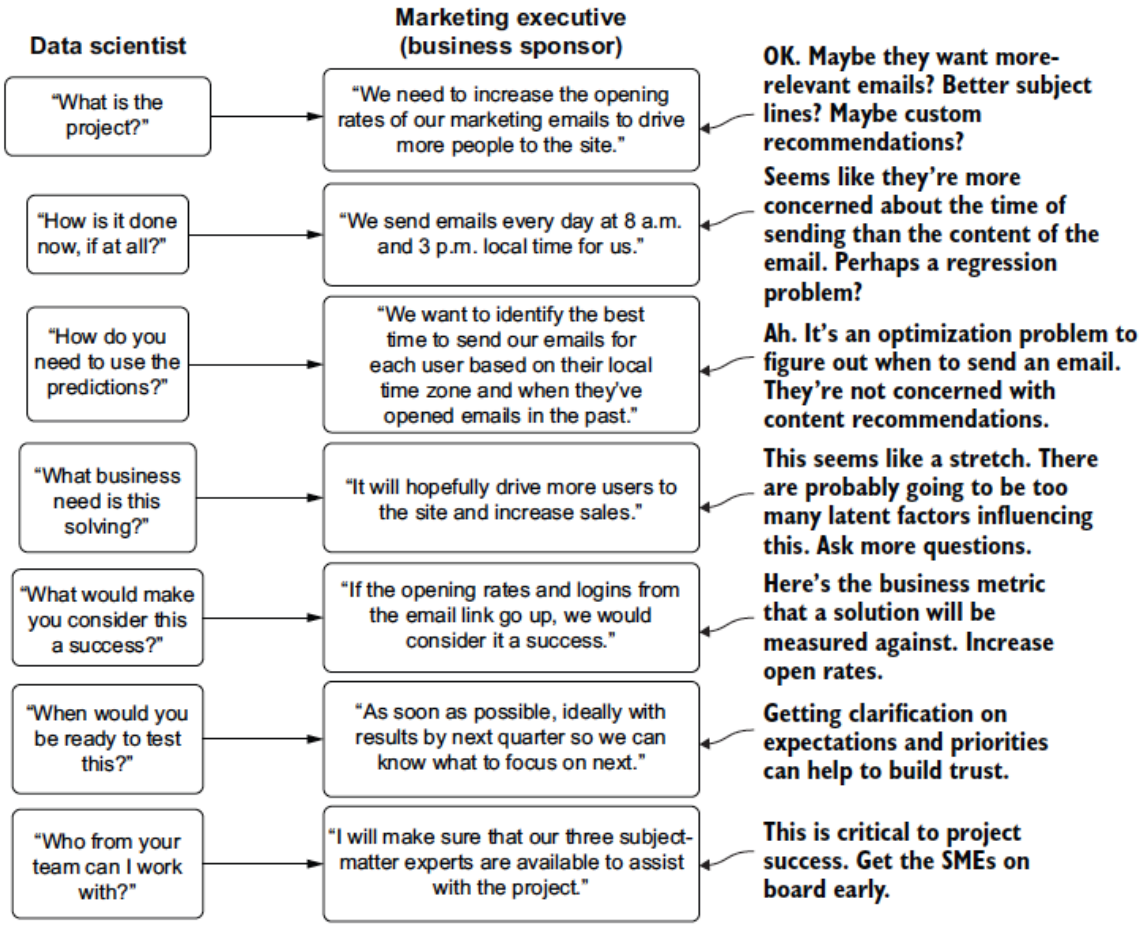


Figure 1.4 A simplified planning discussion diagram

"Machine Learning Engineering in Action", Ben Wilson, Manning, 2022.

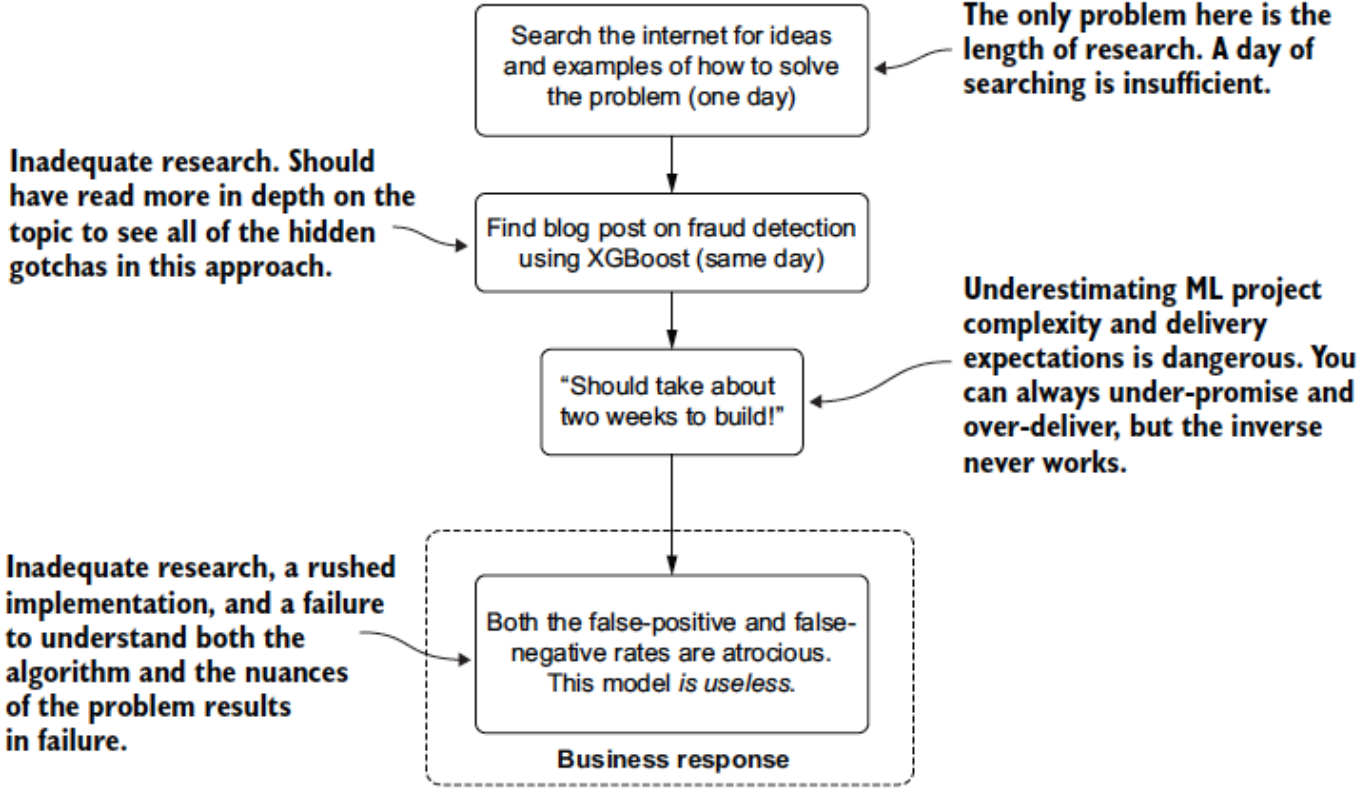


Figure 1.5 Research and scoping of a fraud-detection problem for a junior team of well-intentioned but inexperienced data scientists

"Machine Learning Engineering in Action", Ben Wilson, Manning, 2022.

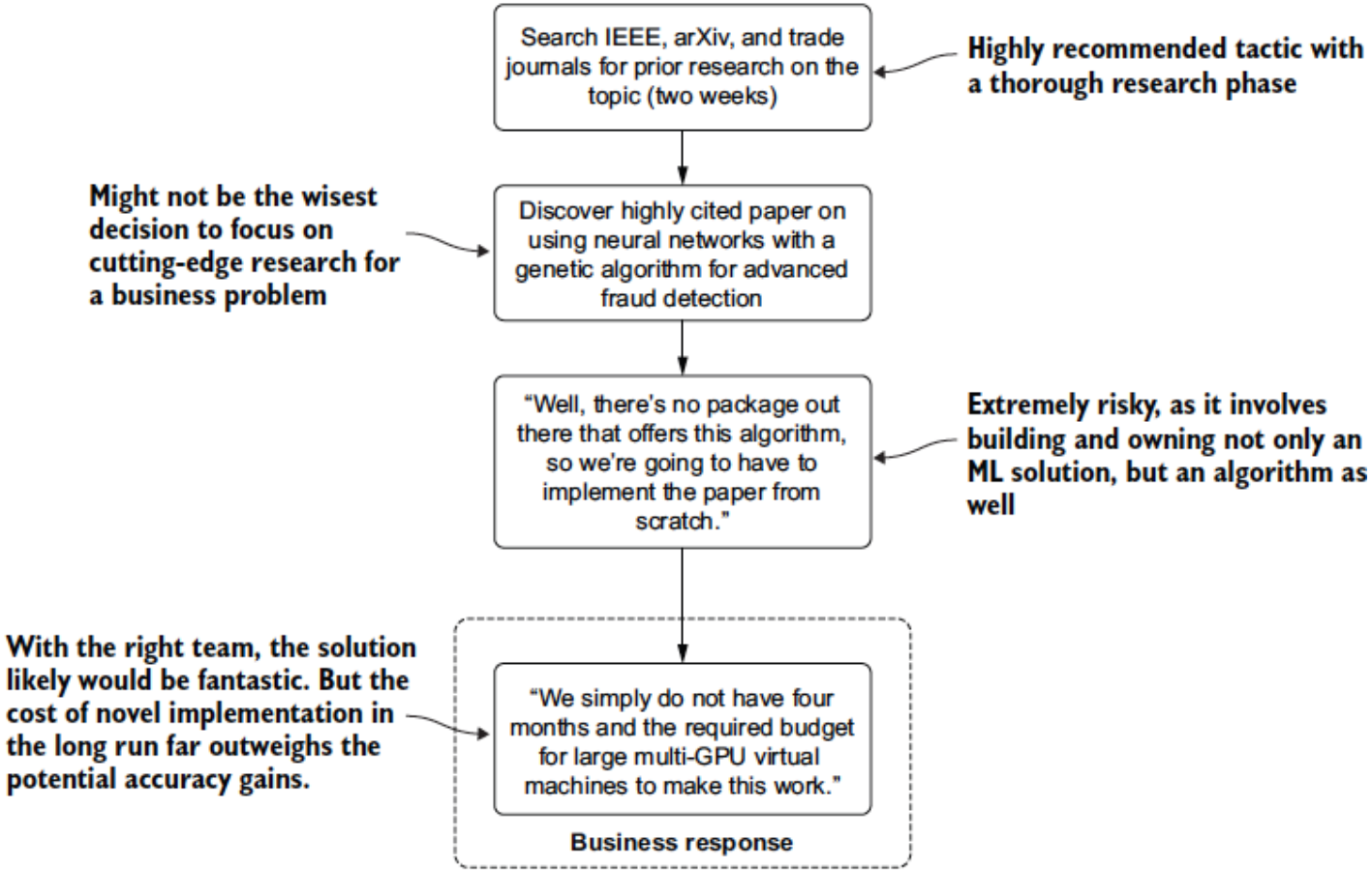


Figure 1.6 Research and scoping for an academia-focused group of researchers for the fraud-detection problem

"Machine Learning Engineering in Action", Ben Wilson, Manning, 2022.

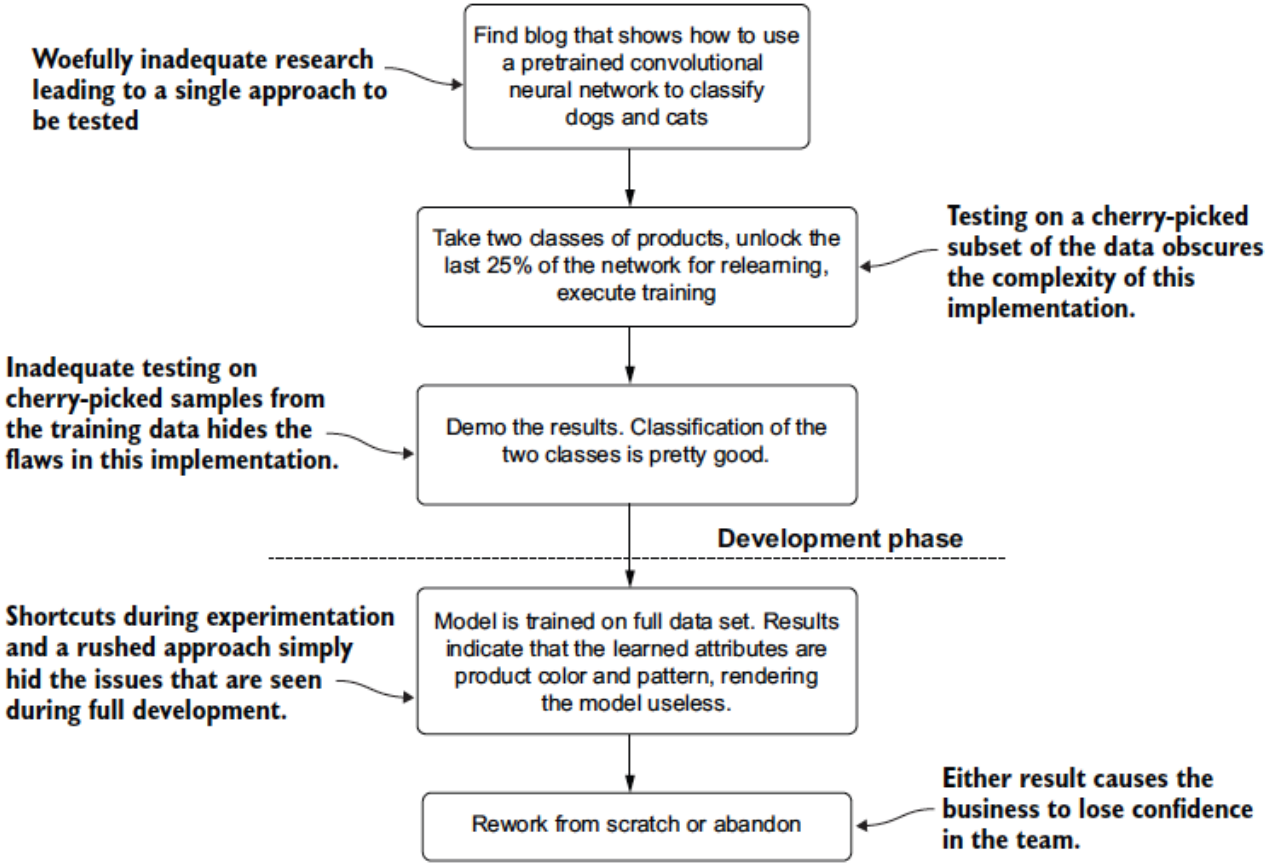


Figure 1.7 A rushed experimentation phase by a team of inexperienced data scientists

"Machine Learning Engineering in Action", Ben Wilson, Manning, 2022.

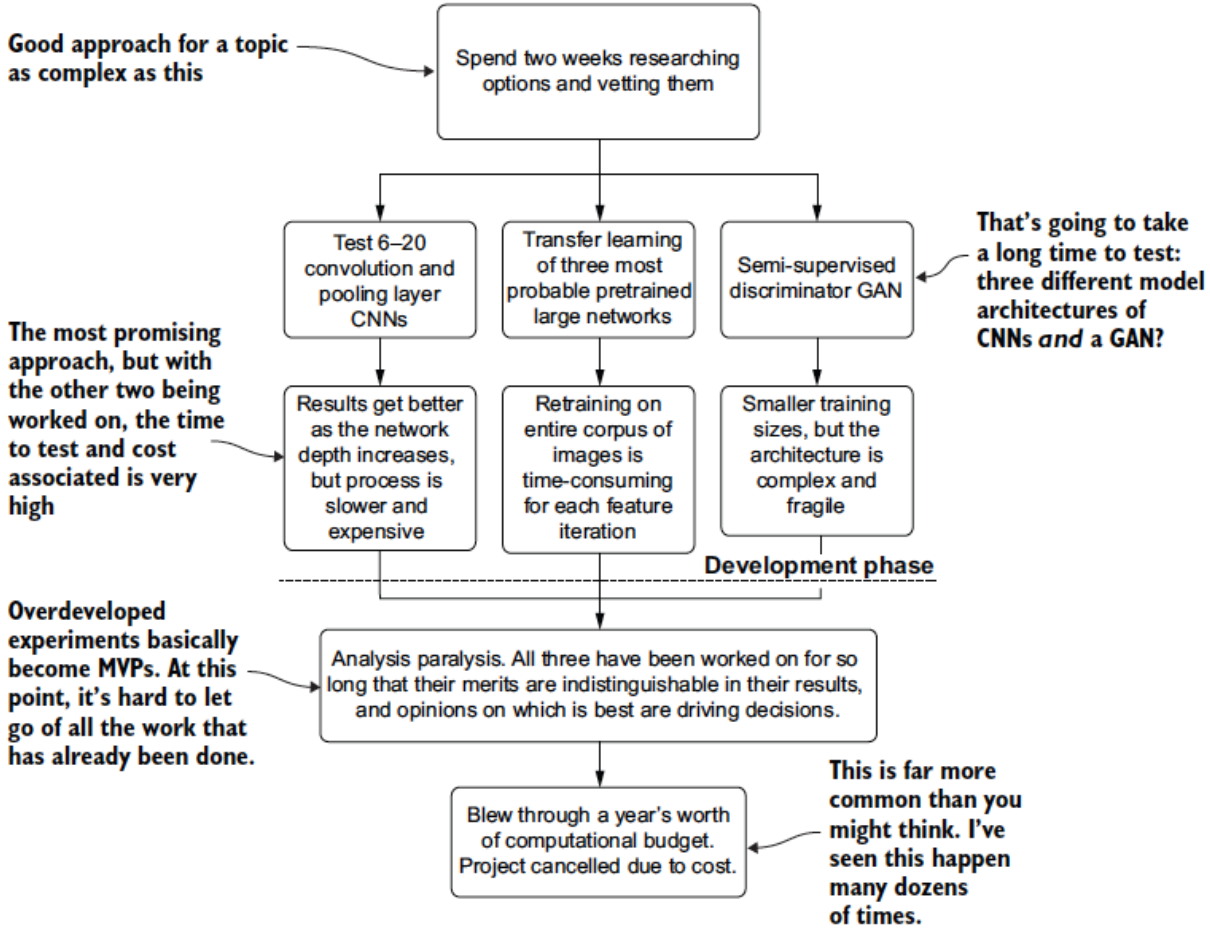


Figure 1.8 A case of too much testing in the experimentation phase of a project

"Machine Learning Engineering in Action", Ben Wilson, Manning, 2022.

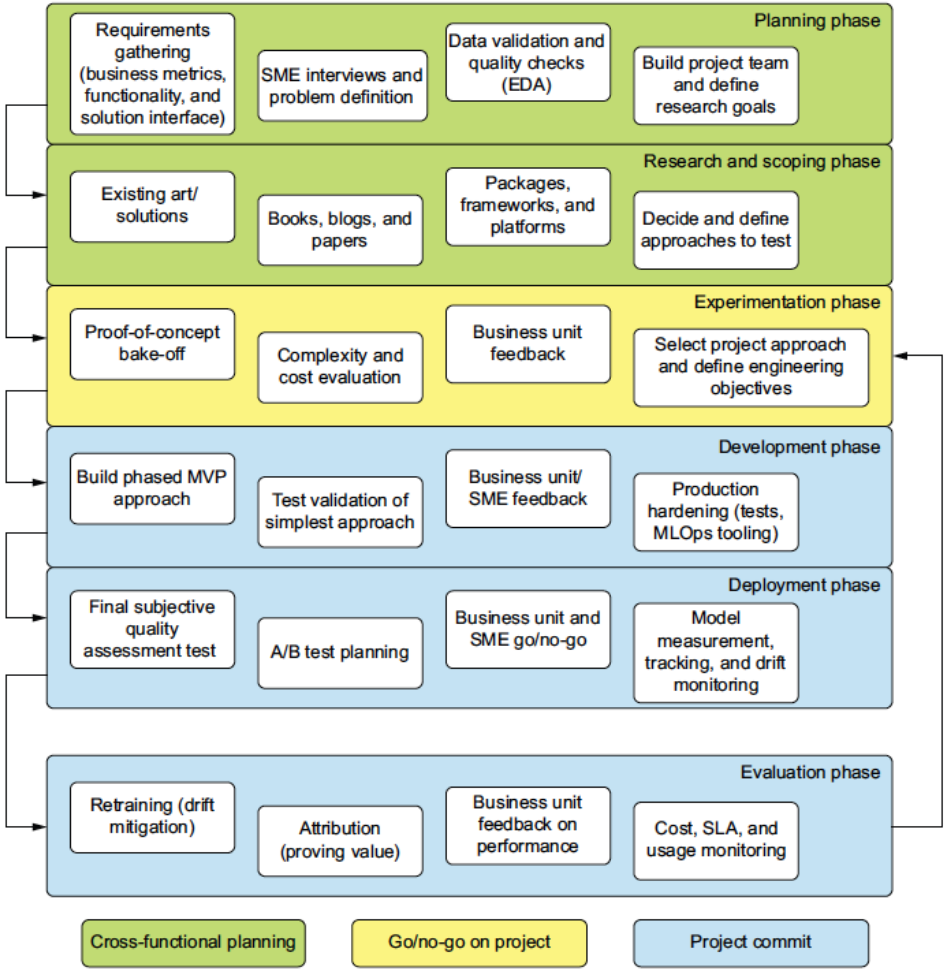


Figure 1.15 The ML engineering methodology component map

"Machine Learning Engineering in Action", Ben Wilson, Manning, 2022.

Why data science projects fail?

https://github.com/xLaszlo/datascience-fails