

Perspective on Experimentation and Risk when Building ML Models

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Perspective On Quality, Experiment And Risk

Product quality, experimentation, and risk are key elements that organizations evaluate when they begin Machine Learning. **Innovators** show interest and willingness to take risks, but ML **leaders** focus on quality and reproducibility. For example, 67% of **innovators** indicate that experimentation and risk are promoted, even if this causes failures to deploy models, but only 6% of ML **leaders** show that experimentation and risk are encouraged.

ML **performers** seek a balance between retaining quality and reproducibility and taking risks while experimenting with models. However, 29% of **performers** show that quality and reproducibility are priorities, and 28% show interest and willingness to take the risk.

An important data point we found is that 29% of **performers** show an even mix of taking risks and retaining quality and reproducibility. In contrast, **Observers** show the same trend as **performers**, but with less proportion of taking risks and maintaining quality and reproducibility. This is just a snippet from our Q2 Machine Learning Readiness Report, to be released on July 7th, 2021.

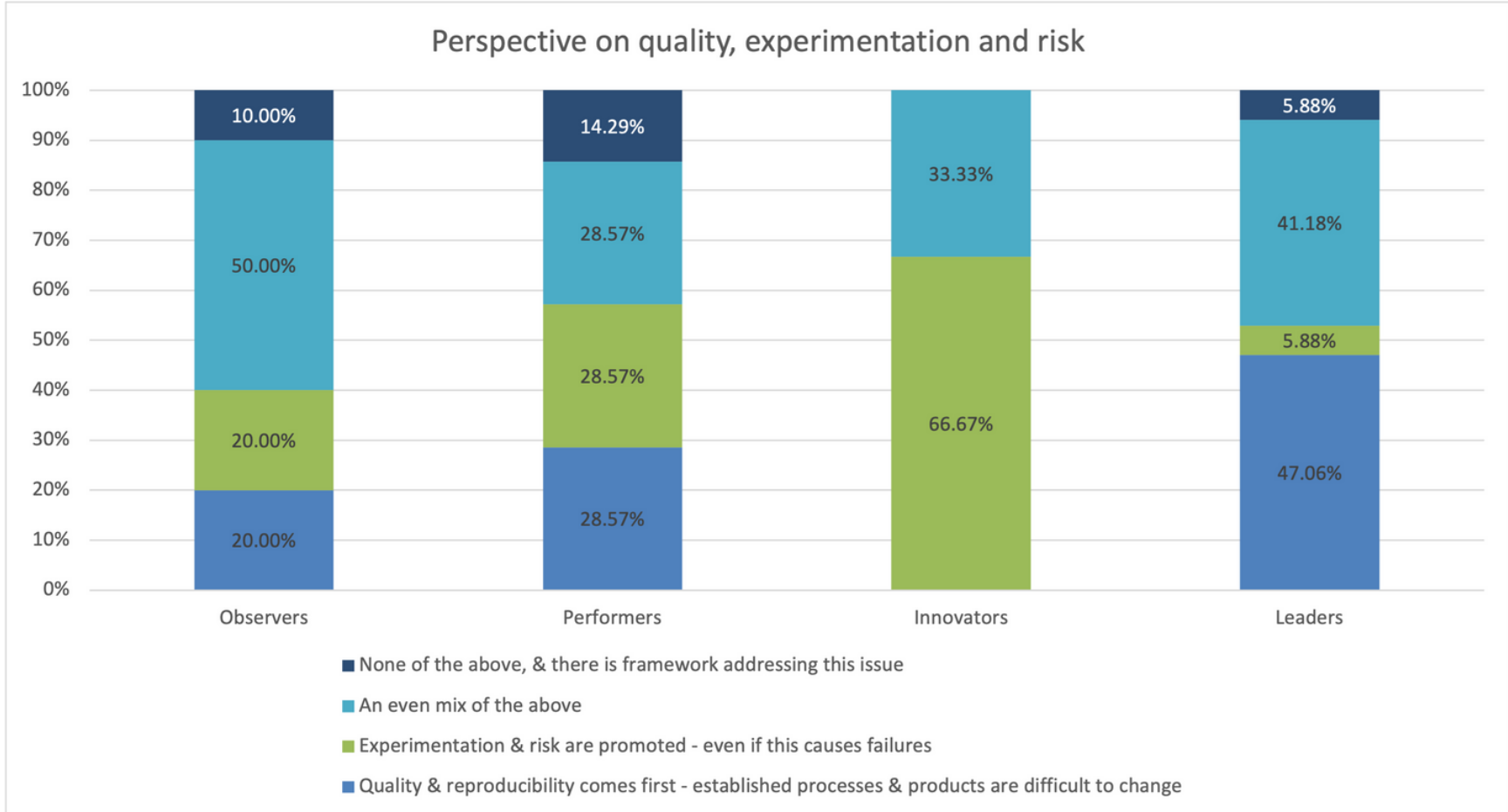


Fig. 1 Perspective on quality, experiment and risk across ml roles