

AI use cases discovery in improving care quality and patient safety



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Dana-Farber Cancer Institute is an academic medical research center dedicated to advancing the understanding, diagnosis, treatment, cure, and prevention of cancer and related diseases. Based in Boston, Massachusetts, Dana-Farber is one of the leading cancer hospitals in the world and has made significant contributions to oncology since its founding in 1947.

Project Scope & Problem definition

The Quality and Patient Safety department at Dana-Farber Cancer Institute is executing arduous, repetitive work going through high volumes of medical and operation data to gain critical insights to improve patient outcomes. This work is occurring within each of its four departments and they see an opportunity to leverage Large Language Models and Generative AI. They are seeking strategic clarity regarding how AI can reduce the administrative burden and provide better patient outcomes. They are also looking to understand how to evaluate AI use cases and what to consider with governance.

