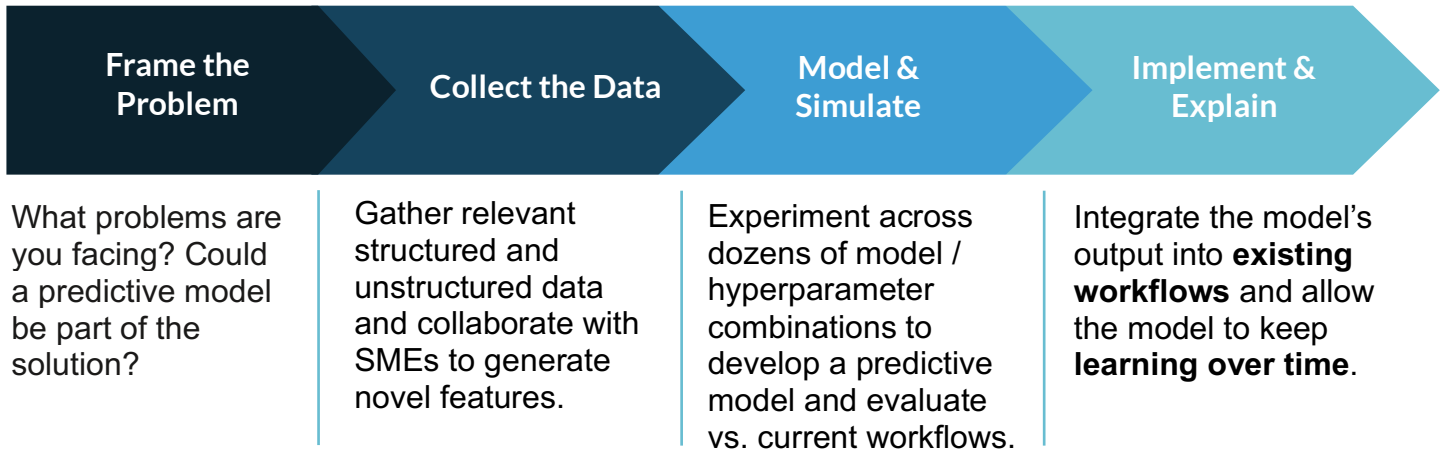# Machine Learning in Healthcare

Predict Outcomes with Machine Learning Models

Is your organization retroactively analyzing your data to find future improvements? This can often lead to missed opportunities. Our machine learning experts can transform this process by **using models to predict future trends and outcomes**. This cutting-edge technology shifts health **systems from reactive to proactive**, enabling data-driven decisions that save time and money, predict likely patient outcomes, optimize operations, and personalize care for better, more efficient patient care.

Machine Learning Workflow

Our team of Machine Learning experts is prepared to execute the following workflow at your organization to drive rapid results in predictive analytics.

Frame the Problem	Collect the Data	Model & Simulate	Implement & Explain
What problems are you facing? Could a predictive model be part of the solution?	Gather relevant structured and unstructured data and collaborate with SMEs to generate novel features.	Experiment across dozens of model / hyperparameter combinations to develop a predictive model and evaluate vs. current workflows.	Integrate the model's output into **existing workflows** and allow the model to keep **learning over time**.

Machine Learning Use Cases in Healthcare

Machine Learning allows you to transition from descriptive, historical analytics to predictive, future-looking analytics. The opportunities for Machine Learning are vast, but we've compiled a list of some potential solutions.

Unlock Predictive Analytics

We're ready to help your organization take the next step toward predictive analytics. Get in touch today to get started:

Revenue Cycle
- DRG Classifier
- No-Show Appointment Prediction
- Hospital Length of Stay
- Denials Reduction
- House Census

Clinical
- Fall Risk
- Hospital Readmission

Operations/Personnel
- Provider Attrition
- Staff Overtime Likelihood

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Contact our team today to get started **doing more with your data!**