













Machine Learning Operations Canvas (v0.1)

Product name:

Designed by:

Date:

Iteration:

Problem	Data	Model	Operations	Monitoring
<div>Background <i>Describe the context, including the problem and business need. Explain why this ML project is important</i></div> <div></div>	<div>Data collection <i>Identify the data sources and methods for gathering data. Include information on data frequency, volume and labelling process.</i></div> <div></div>	<div>Modelling <i>Detail the algorithms and techniques used for building the ML model. Include information on feature engineering and selection.</i></div> <div></div>	<div>Inference <i>Describe the deployment process for the model to make predictions. Include details on the infrastructure and environment used.</i></div> <div></div>	<div>Feedback <i>Describe the mechanisms for collecting feedback on model performance. Explain how this feedback is used to refine the model.</i></div> <div></div>
<div>Value proposition <i>Outline the key benefits and the value the ML solution will bring. Highlight its impact on the business or users.</i></div> <div></div>		<div>Metrics & Evaluation <i>Specify the performance metrics and evaluation methods. Describe how the model's effectiveness will be assessed.</i></div> <div></div>		
	<div>Data verification and governance <i>Explain the data management policies, focusing on quality, privacy, and compliance. Describe data storage and access controls.</i></div> <div></div>		<div>Decision <i>Explain how the model's predictions are integrated into decision-making. Detail any human oversight or automated decision systems.</i></div> <div></div>	<div>Lifetime <i>Outline the entire lifecycle of the model from development to retirement. Include plans for model versioning and decommissioning.</i></div> <div></div>
<div>Objectives <i>State the specific, measurable goals of the ML project. Detail the expected outcomes and success criteria.</i></div> <div></div>		<div>Model governance <i>Outline the process for managing models versions including conditions from going from staging to production. Outline procedures for updating and retraining models.</i></div> <div></div>		