

From new insights to production grade processes with MLOps

The Challenge

With companies now racing to adopt Machine Learning (ML), many are focusing on the creation of models to uncover new insights. However, they often overlook the need to ensure that model results are fed back to the people that need them in a repeatable yet cost effective way.

The Solution

MLOps focuses on the world after the creation of the ML models and is built on close collaboration between data scientists, solution, security, data and platform engineers. Collectively, this team focuses on such things as: automation, testing, monitoring, retraining and efficiency of the models, the data, and the underlying platform.

Ensure long-term value from your ML models with our 4-step approach

Make the move to a fully operationalised machine learning solution that can learn from new data and respond to changes. Our method ensures that your machine learning solution meets all the security, cost, availability and performance needs of your business, and can be implemented in a matter of weeks. We take a KPI-driven approach that focuses on understanding the impact a model is having on your business. Together with our Managed Service offering, we can adapt and enhance your machine learning solution to reflect the real world.



1. Investigate and Recommend

Review the data science code, design a target architecture and conduct a proof of value. Build business case and roadmap and playback results.



3. Automate

Build pipelines to retrain, verify and deploy models when changes happen. Automate as needed with CI/CD tools.



2. Embed

Productionise data science code, create inference process. Reproduce data and models. Integrate with customer's business systems.



4. Monitor

Provide a 360° operational view of the models including KPIs. Monitor and verify data sources. Routinely adapt models to changes.

Inawisdom are experts in Data Analytics and Machine Learning, with proven experience using MLOps to help businesses increase the return on their investment in ML.

Inawisdom offers best-in-breed expertise to help businesses unlock the long-term benefits of ML. In a matter of weeks, our agile, rapid, and secure MLOps approach allows customers to free up their Data Science team by automating the training and monitoring of their ML models.

Whether it's an initial assessment of your current MLOps capability or a team of specialists to hit the ground running and get on with the task of industrialising your models, contact Inawisdom for an initial discussion on how to accelerate the value of ML.

MLOps can help if you...

- Have a growing team of Data Scientists with a diminishing capacity to explore new insights
- Have completed a successful ML PoC but have not been able to move it to production
- Are struggling to scale your ML solutions — in terms of accuracy or cost-to-serve
- Have models that need to keep learning as you extend the scope of their coverage
- Have models that need to be responsive to the data environment that is changing around them