



Module 12

Wrap-up Workshop



Icebreaker- Watch or Ignore?

Which of these signals suggest your ML model needs retraining?

1. Drop in accuracy
2. New data source added
3. Same performance
4. Stakeholder complaint"



Module 12

Wrap-up Workshop



Agenda

- **Key takeaways**
- **Finding opportunities and generating impact**
- **Project check-in**
- **Q&A**
- **Wrapping up and next steps**
- **Module 12: Stakeholder Communication and Documentation**



Module 12

key takeaways

Key takeaways

1

Comprehensive monitoring systems for deployed ML models enable early detection of performance drift and data anomalies, ensuring your solutions maintain accuracy and reliability throughout their operational lifecycle.

2

Continuous learning strategies transform static ML systems into adaptive solutions that evolve with changing data patterns and business requirements, maximising long-term value while minimising maintenance overhead.

3

Model lifecycle management empowers you to efficiently allocate resources, maintain regulatory compliance, and ensure ML systems remain aligned with organisational objectives as they mature.



What key takeaway do you think will have the biggest impact on your work?



Applying key takeaways

1 How can scalable deployment pipelines improve your team's ability to deliver models in production faster and more consistently?

2 What kinds of risks have you encountered (or anticipated) when pushing models live, and how might structured mitigation strategies help?

3 Where could better resource planning reduce costs or speed up deployment in your current ML projects?



Share your plan to apply Module 12 skills

Go to My Multiverse, Module 12
Wrap-up Workshop



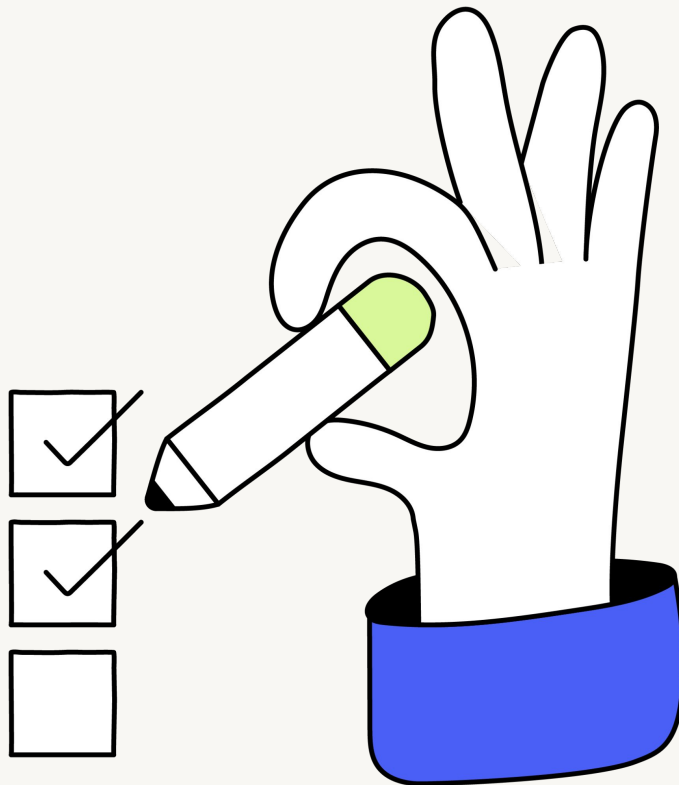
On page "Applying your skills", find the
discussion activity



Take 5 minutes to share how you will
apply this skill in your role



Take time this week to read what
others have written and get new ideas!





Phase 3 project

Module 12 milestone

Phase 3 project: Deploying ML models

Project objective: Deploy an accessible, scalable, secure, and cost-efficient ML model while maintaining and adapting its performance and providing clear communication.

**Module 11
milestone:**
Model
Deployment

**Module 12
milestone:**
Monitoring,
Maintenance, and
Continuous
Learning

**Module 13
milestone:**
Communication,
Documentation,
and Inclusive
Collaboration

We are here!



Module 12 milestone: Monitoring, maintenance, and continuous learning

Phase project objective: Deploy an accessible, scalable, secure, and cost-efficient ML model while maintaining and adapting its performance and providing clear communication.

Milestone task 1



Model monitoring and adaptation: Implement strategies for real-time monitoring and evaluation of data and model performance, and plan for proactive adaptation and refinement to maintain model robustness.

Milestone task 2



Scalability and capacity management: Assess and plan for adjusting ML model capacity in response to fluctuating demand, optimising costs, and considering the implications of different data types on infrastructure.

Milestone task 3



Model lifecycle management and decommissioning:: Define a structured approach for managing the entire lifecycle of your ML model, including change management, version control, and a clear decommissioning process for outdated or non-performing models.

Module 12 milestone: KSB requirements

Phase project objective: Deploy an accessible, scalable, secure, and cost-efficient ML model while maintaining and adapting its performance and providing clear communication.

Task 1 KSBs



Model monitoring and adaptation: S9, S24

Task 2 KSBs



Scalability and capacity management: K15, S19

Task 3 KSBs



Model lifecycle management and decommissioning: S18, K14, S25

Module 12 milestone tips for success

- 1 Deploy with purpose, not just code
- 2 Monitor like a detective, not a passenger
- 3 Prove impact with business-first metrics
- 4 Tell the story like a strategist





Questions?



Wrapping up

Action items

- Attend Group Coaching session
- Complete your project milestone
- Share your project progress with your manager
- **Take the Module Survey** on My Multiverse



Next steps

Action items

- **Have questions?**
 - Chat with Atlas
 - Reach out to your Cohort Coach
 - Sign up for Tutoring
- **Log your OTJ hours**
- **Take the Module Survey** on My Multiverse



Looking ahead

Module 12: Stakeholder Communication and Documentation

multiverse