



# PRAGMATIC AI IN ASSET AND LIABILITY MANAGEMENT (ALM)

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Time saved, risks reduced, decisions improved

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Washington DC, 10 April 2026



# WHERE WE WERE IN 2023 – LONDON ALM/RM FORUM

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We were moving **from operational pain to operational potential.**

Transition out of manual heavy risky processes

Automation foundations

Hybrid ALM + developer skillset

Python developments – Culture Shift

# THE WORLD CHANGED – AND SO DID WE

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AI didn't disrupt our plans. It accelerated them **dramatically**.

Strong ESM AI governance - **AI policy, AI Strategic steering group**

AI tools accessible to everyone

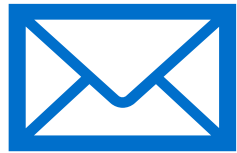
Copilot | GitHub Copilot | Azure OpenAI API | AI Agents

ESM is not only experimenting anymore, but using AI daily and moving towards **AI-embedded operational processes**

# A PRAGMATIC VIEW: WHAT AI MEANS IN ALM

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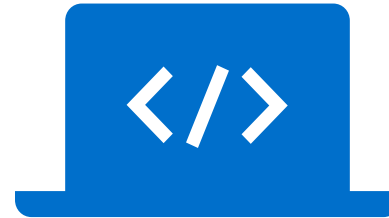
It's a revolution in time saved: **Same people. More output. More insights.**



**Text and  
communication**



**Analytics and  
modelling**



**Code and data**



**Visualisation and  
output**  
(like today's  
presentation)

# THE TEAM SUPERPOWER: HYBRID MODEL + AI

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AI doesn't replace expertise. **It amplifies it.**

Business knowledge + coding skills + citizen-developer infrastructure = **Hybrid officer**

With the hybrid officers in place, we were ready to embrace AI

Hybrid officer + AI = scalability with the same resources

Across ESM departments, teams are following the **Hybrid officer + AI setup.**

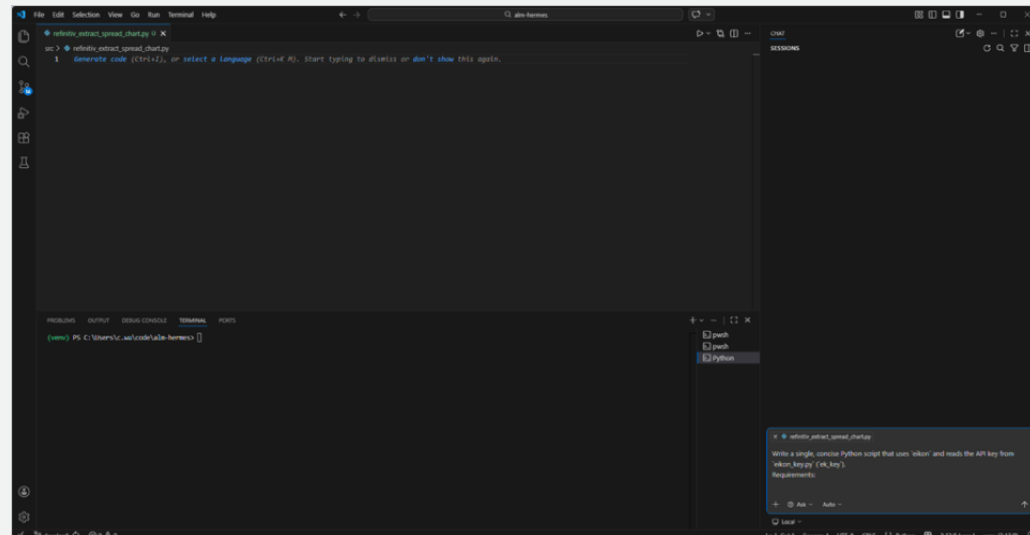
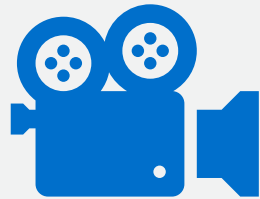
**When connected, output is magnified.**

# FIRST EXAMPLE – THE SIMPLE USE CASE

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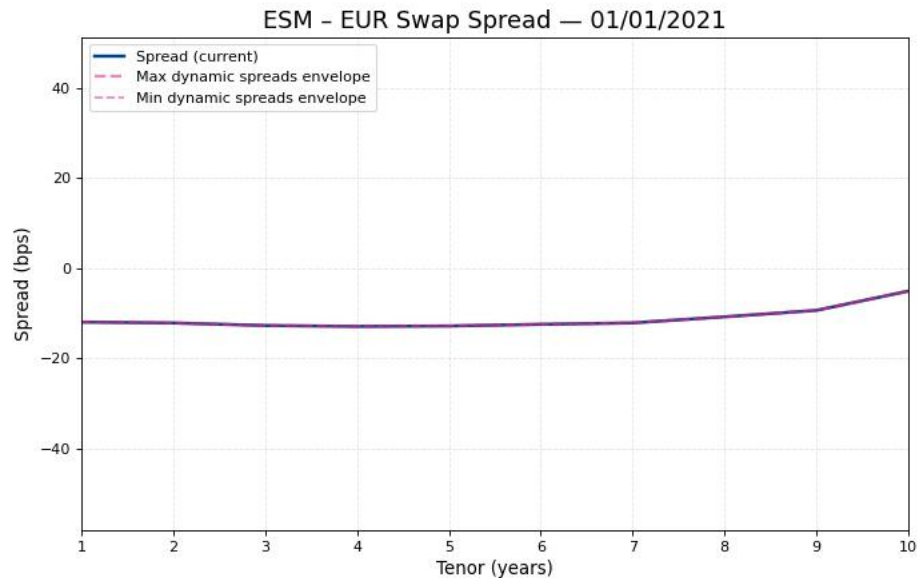
Simple use case of single iteration with the machine.

***GitHub Copilot in VS Code using Python. LSE Refinitiv API.***



Source: LSE Refinitiv

## SECOND EXAMPLE – THE “EVOLVED” USE CASE



Source: LSE Refinitiv



- Extensive historical data visualisation in an animated format.
- More iterations between user and the machine.
- Need to review and check output from the machine.

With AI, the barrier to building advanced analytics is **disappearing.**

## CLOSING – THE HUMAN STORY

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**The job in ALM didn't change:** the human brain power still need to constantly think outside the box.

We still need judgement, expertise, risk awareness, and institutional memory.

What changed is the **toolbox** – enabling the same people to make **better, faster, and safer decisions**.

*AI supported this presentation – **judgement remained human.***



## CONTACT

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