



ecoPortal

The **Breakthrough** Series

How to Spot Real AI Value In Safety Platforms



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Today's Agenda

The current state of AI adoption in H&S

01

How to evaluate AI in EHS solutions
including what organisations are asking
vendors in RFPs

02

The top 5 barriers to AI adoption
and how to use them to uncover the questions
you should be asking

03

04

Red flags to watch for in vendor responses

05

What value in AI looks like?
Practical insights to help you evaluate
AI solutions to maximise impact

05

Q&A
Ask your pressing questions direct
to our Product team.



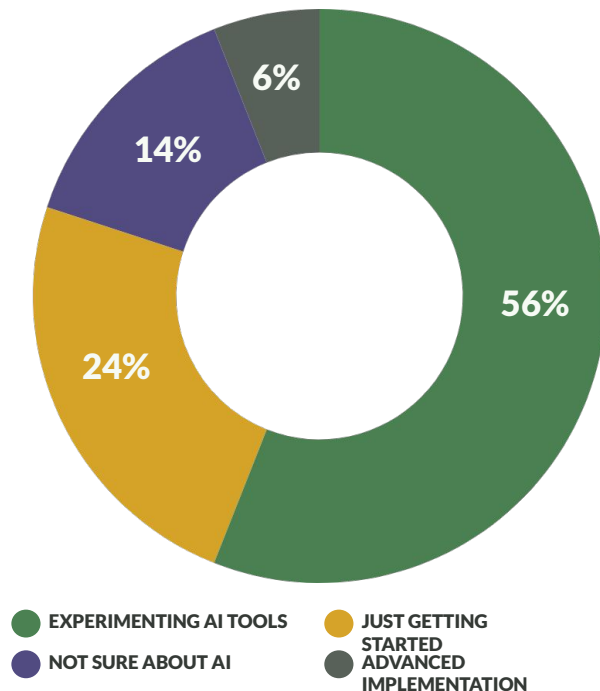


Current State of AI in H&S

What our research tells us about AI adoption in EHS

Current AI Adoption Levels

Our research shows significant interest in AI for Health and Safety, yet most organisations are still in early experimental stages.



**You don't need to become an AI
expert overnight...**

**you just need to ask the right
questions.**



What Questions **are Being Asked?**

Top 5 areas of questioning in recent RFPs for EHS solutions.

- Current AI capabilities and applications.
- AI strategy and vision.
- Governance and limitations.
- Implementation experience.
- Specific use cases.





Overcoming Barriers to AI Adoption

Ask smarter questions, avoid hidden challenges, and choose a solution that's truly practical.

Top 5 Barriers to **AI Adoption**

- 01 Data security, ethical, and legal risks
- 02 Trust and reliability
- 03 User adoption
- 04 Training needs
- 05 Governance

Data Security, Ethical, and Legal Risks

WHAT'S THE CONCERN?

AI can introduce risks such as bias, privacy violations, and inappropriate decision-making if not properly configured or monitored.

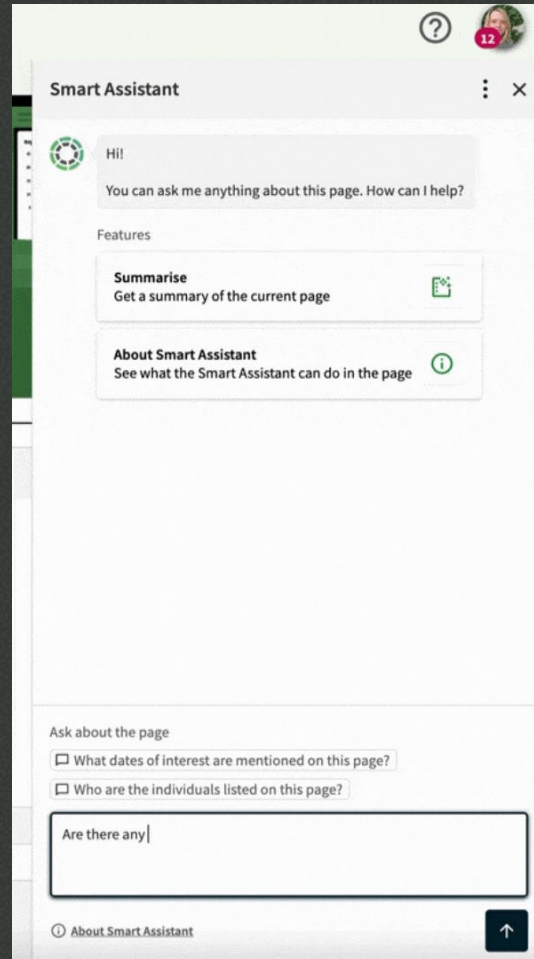
WHAT QUESTIONS SHOULD YOU ASK?

- How do you ensure your AI features adhere to data security and privacy standards?
- How are ethical risks (e.g. bias, fairness, discrimination) monitored and addressed?
- How is human oversight built into AI-driven decisions or recommendations?
- Can we prevent Personal Identifiable Information from being processed by AI features?
- Can we see a clear record of what data the AI accessed to generate its output?

Data Security, Ethical, and Legal Risks

WHAT TO EXPECT FROM YOUR VENDOR?

AI must have clear guardrails, including strong governance, human oversight, and transparency.



Trust and Reliability

WHAT'S THE CONCERN?

Employees may fear AI will replace jobs, monitor their every move, or make safety recommendations they can't or don't trust.

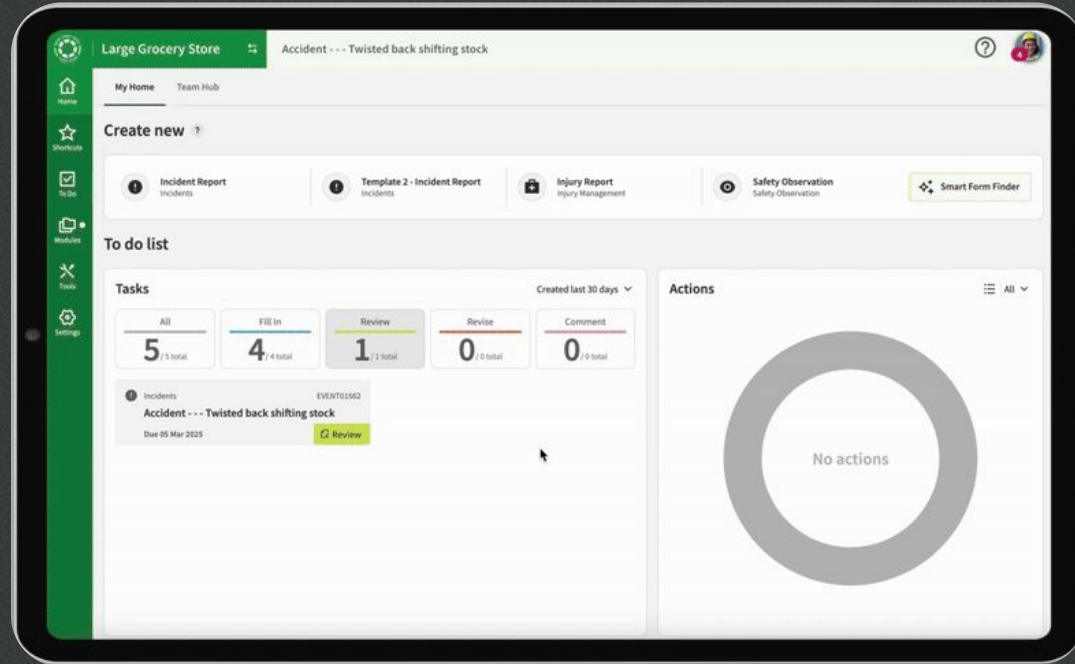
WHAT QUESTIONS SHOULD YOU ASK?

- What measures are in place to ensure AI is delivering reliable outputs?
- Do humans remain in control of decision-making, or can the AI act autonomously?
- Can users easily understand and trace how AI came to a conclusion or recommendation?

Trust and Reliability

WHAT TO EXPECT FROM YOUR VENDOR?

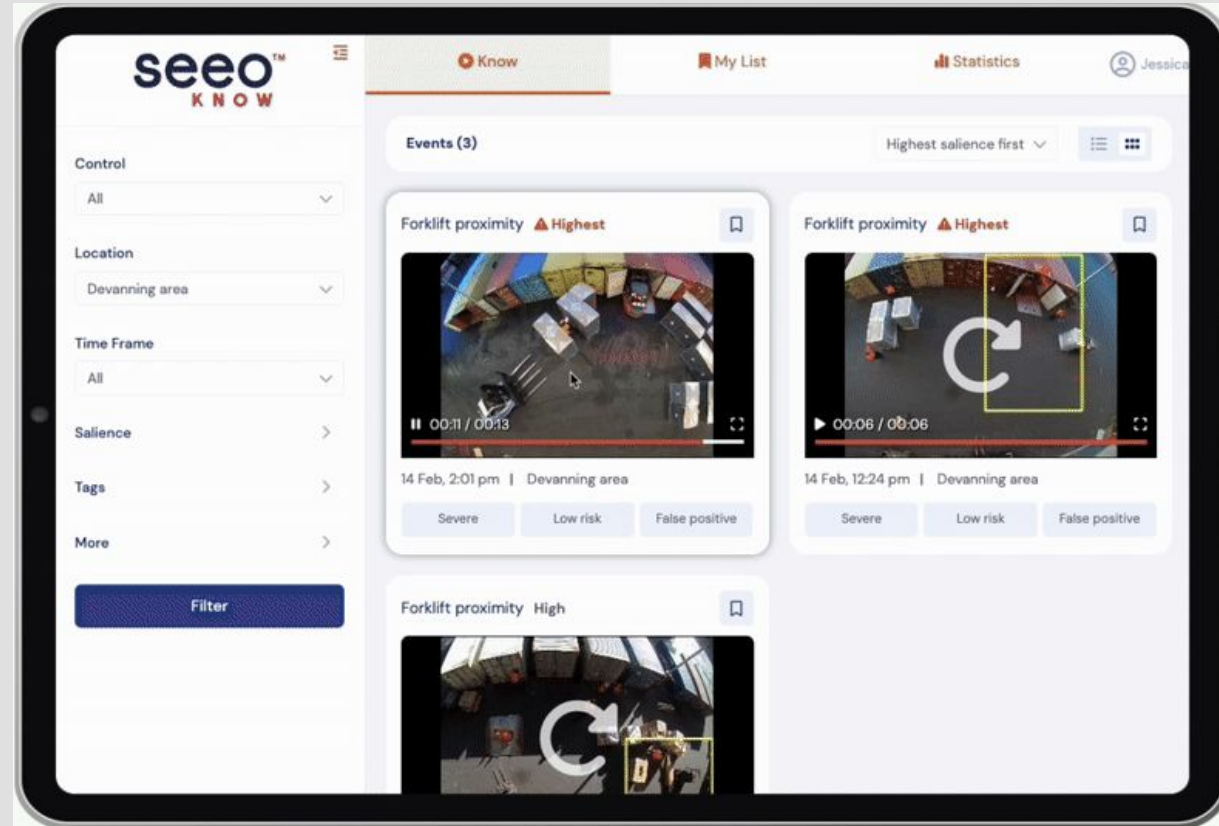
Transparency and clear communication about how AI operates and its decision-making processes are crucial, while human oversight ensures AI builds trust rather than resistance.



Success Story

We partnered with Nexus Logistics to integrate their AI-powered computer vision tool ([Seeo.ai](#)) with ecoPortal.

- **25** near-deaths in the first **3** hours
- Human's triage incidents and send them to ecoPortal



User Adoption

WHAT'S THE CONCERN?

AI features risk becoming underutilised or ineffective. People are concerned about how staff will adapt to using AI, especially those with older demographics.

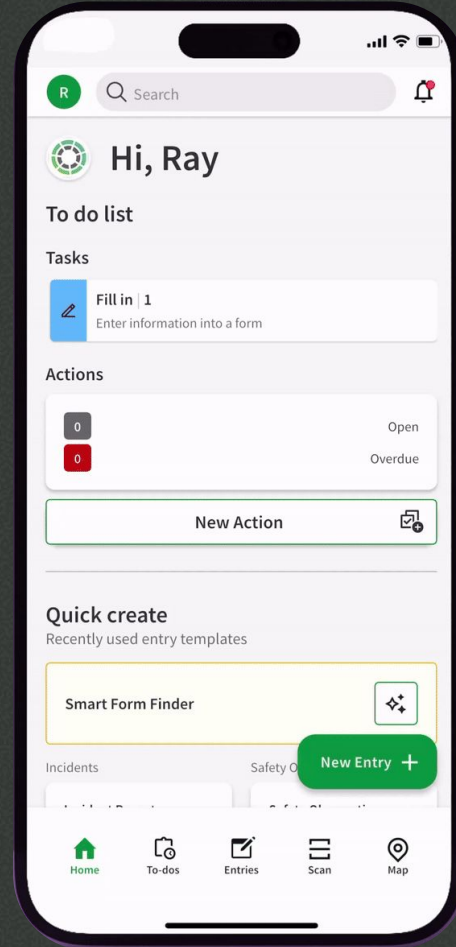
WHAT QUESTIONS SHOULD YOU ASK?

- How are your AI features designed to improve engagement, not just efficiency?
- Are your AI features geared towards being mobile and frontline-friendly?
- Do you have any specific features that aim to improve adoption or safety engagement?

User Adoption

WHAT TO EXPECT FROM YOUR VENDOR?

If people aren't engaging with your existing safety processes, layering AI on top won't magically fix that.



Training Needs

WHAT'S THE CONCERN?

People worry about skills gaps, effective training, and integrating AI without adding complexity.

AI sounds expensive and complex, often requiring IT expertise.

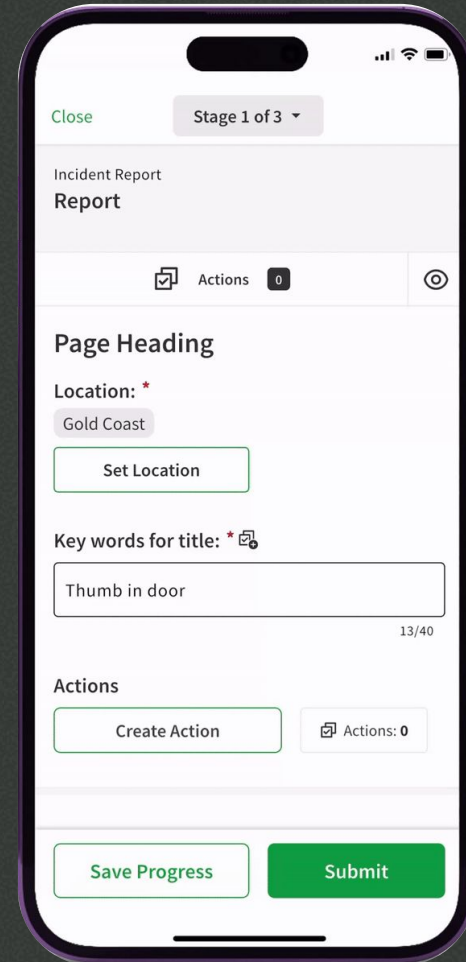
WHAT QUESTIONS SHOULD YOU ASK?

- How intuitive are your AI features—do they require any technical training?
- Is there in-app guidance or support to help users understand and adopt AI features?

Training Needs

WHAT TO EXPECT FROM YOUR VENDOR?

Organisations can lean on their EHS vendors to provide AI-powered solutions that are already integrated, removing the need for costly custom development or external consultants.



The image shows a smartphone screen displaying the 'Incident Report' form in the ecoPortal app. At the top, there is a 'Close' link and a 'Stage 1 of 3' indicator. The form title is 'Incident Report Report'. Below this is a section for 'Actions' with a checkmark icon and a counter showing '0'. The main form area has a 'Page Heading' section followed by a 'Location: *' field with a dropdown menu showing 'Gold Coast' and a 'Set Location' button. Below that is a 'Key words for title: *' field with a document icon and a text input containing 'Thumb in door'. A '13/40' character count is visible. At the bottom of the form is an 'Actions' section with a 'Create Action' button and an 'Actions: 0' counter. The very bottom of the screen has two large buttons: 'Save Progress' and 'Submit'.

Governance

WHAT'S THE CONCERN?

Organisations are often lacking appropriate controls and policies around safe and effective AI use.

Or when policies are in place, organisations don't always have access to the information they need from their vendors to ensure these are being met.

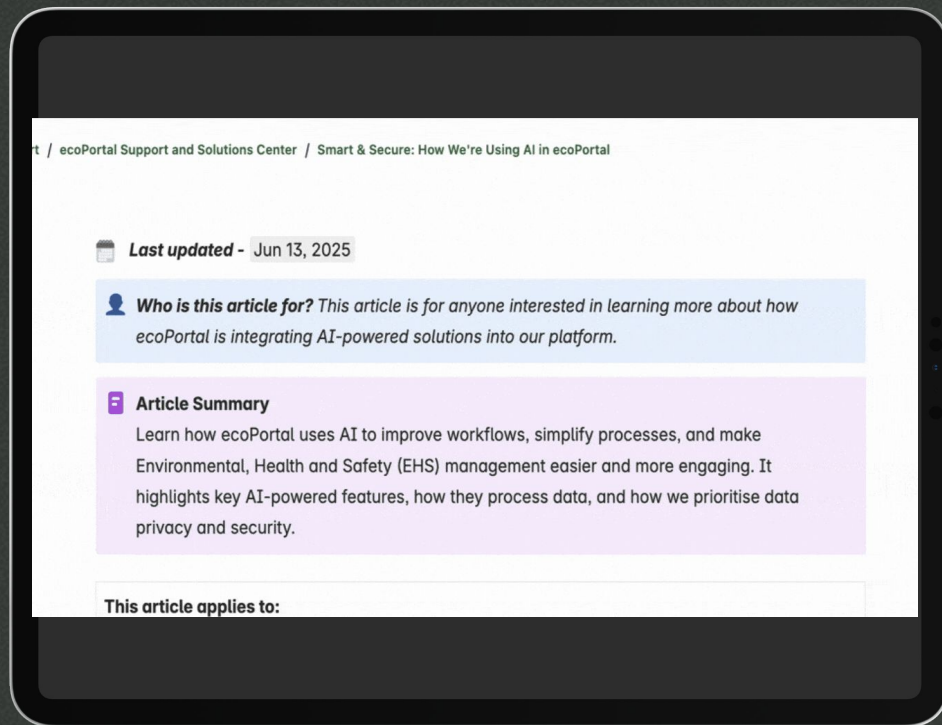
WHAT QUESTIONS SHOULD YOU ASK?

- Do you provide clear documentation about your AI features and how they are monitored?
- Can you explain what data the AI uses, how it's processed, and who has access to it?
- How does your AI capabilities align with our organisation's AI usage policy or governance framework?

Governance

WHAT TO EXPECT FROM YOUR VENDOR?

To support safe and effective use of AI, vendors should make it easy for you to understand how their platform's AI features work.



ecoPortal
Knowledge Base



Red Flags to Watch for in Vendor Responses

What should you be wary of in the evaluation and selection process?

BE WARY OF

Vague or overly generic AI claims.

BE WARY OF

Disconnected systems that make insights hard to access.

INSTEAD

Ask for specifics, real use cases, and live demos of features in action.

INSTEAD

Select a vendor with a single, unified platform, not a patchwork of acquired systems. Only when your data is connected and accessible can you truly maximise the impact of AI.

BE WARY OF

No clear governance.

BE WARY OF

AI that adds complexity or doesn't solve real problems

INSTEAD

Check for built-in safeguards, such as guard rails and human oversight, as well as alignment with your own AI principles.

INSTEAD

Prioritise intuitive tools that fit naturally into existing processes, with AI strategies that solve real-world problems.

BE WARY OF

Lack of transparency about how AI decisions are made.

BE WARY OF

A roadmap full of promises but no working features.

INSTEAD

Choose vendors who explain how their AI works, what data it uses, and how it's monitored and reviewed.

INSTEAD

Ask to see what's working now, and choose vendors who show an ongoing commitment to improvement.

AI is not a matter of release and forget.

The screenshot displays the 'Incident report' form in the ecoPortal system. The form is titled 'Incident report' with the identifier 'RISK-00289 | Incidents'. It features a green header bar with a menu icon, the title, and an 'Editing' dropdown. Below the header, there are tabs for 'Report', 'Investigation', and 'Conclusions'. The 'Investigation' tab is currently active. Under the 'Investigation' tab, there are sub-tabs for 'Special case', 'Auckland', 'Wellington', and 'Main Quarters'. The 'Analysis' section is visible, containing an 'Incident Summary' field. The summary text describes a fire incident in a break room. A notification banner at the bottom right states 'New information available, update the field', with an 'Update' button below it.

Fill in Investigation Due Thu, 24 Nov 2021, NZST

Incident report RISK-00289 | Incidents

Editing

Report Investigation Conclusions

Special case Auckland Wellington Main Quarters

Analysis

Incident Summary

Incident Summary ?

At approximately 11:45 AM, a small fire broke out in the break room due to unattended food left in the microwave by Thomas Gray. The microwave overheated, igniting the contents and causing smoke to fill the room. Karen Patel, Office Assistant, noticed the smoke and immediately alerted the staff.

The fire was quickly extinguished by using the fire extinguisher located nearby, and no injuries occurred. The fire department was not called as the situation was under control. Maintenance was notified to assess any damage to the microwave and ventilation system. A reminder about kitchen safety protocols has been sent to all employees.

New information available, update the field

Update

Good AI in EHS
should meet your people
where they are.



Our research shows that organisations are asking for support with the basics:

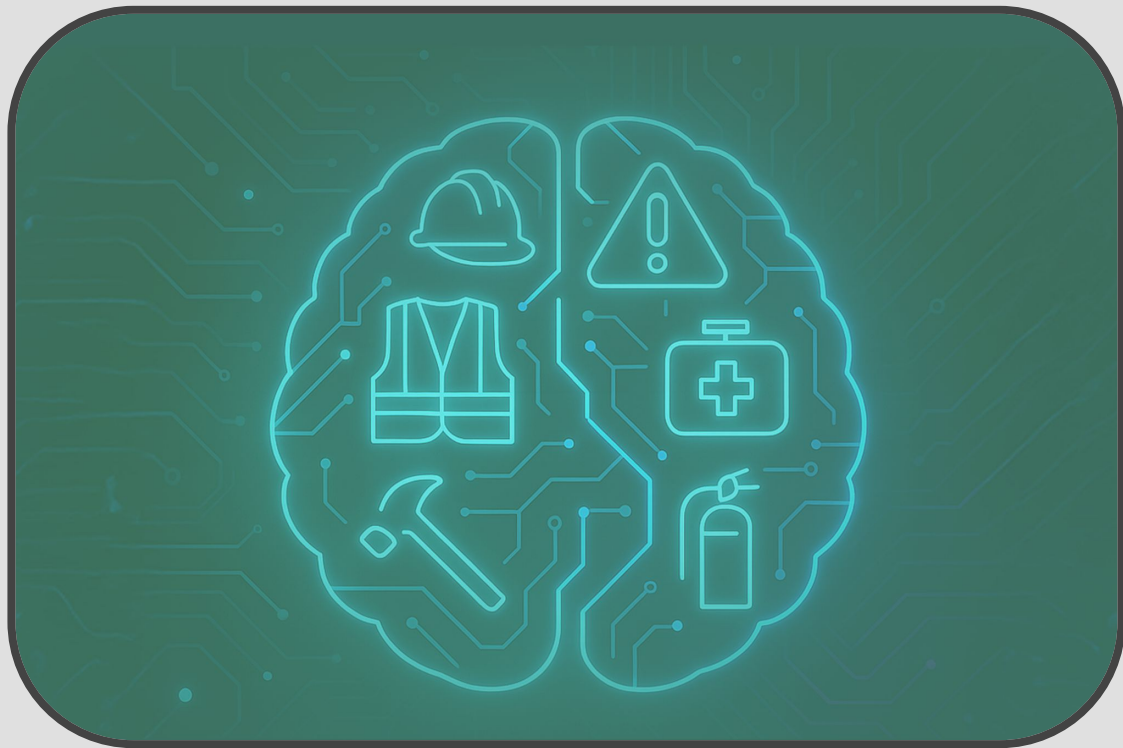
- | | | | |
|-------------------------------|----|----|-------------------------|
| Engagement-focused features | 01 | 04 | Governance framework |
| Unified platform architecture | 02 | 05 | Practical adoption path |
| Continuous evolution | 03 | | |



Successful AI implementations won't replace human-led safety culture

They'll enhance it.

Making safety more integrated,
proactive, and human.



Want to
Learn More?

BOOK A FOLLOW UP SESSION





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| The **Breakthrough** Series

Questions?

Enter them into the Q&A tab



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