



Stakeholder perspectives: A veterinarian's view

*Dr. Line Ferriman
New Zealand*

Background

Vet-led insights across multiple dairy data systems



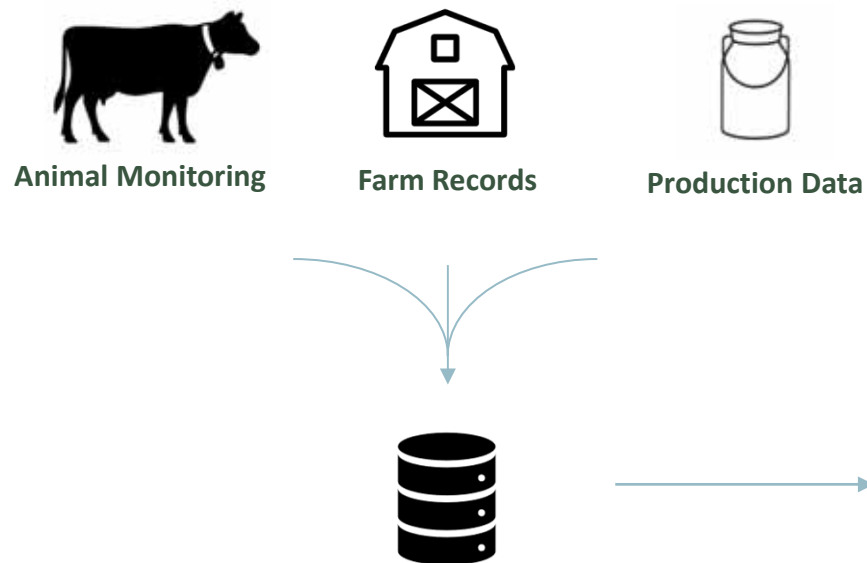
While farms work within few vendor systems, advisors work across many.

Draw on field work through CowSmart, a vet-led reporting and advisory service working across commercial dairy herds in NZ, focusing on wearables.

Sharing how we work with data and what multi-system practice has taught me.

What we did

Combined, automated and systemized a solution



Learnings



Precision depends on recording accuracy

Precision is strengthened by **accurate** user-entered data, which help anchor analytics to real time and real biology.

Data speaks different languages

Fluency is knowing when to ask questions



- Multiple expressions of similar metrics.



*"How much should my cows
ruminate after calving?"*

*"How many health
alerts are normal?"*

- Currently exposure + experience.
- Data standardization work underway.



Transparency builds confidence

Shared visibility supports interpretation.

Clear settings align expectations.

Strengthens trust in insights.

Cross-checking for coherence

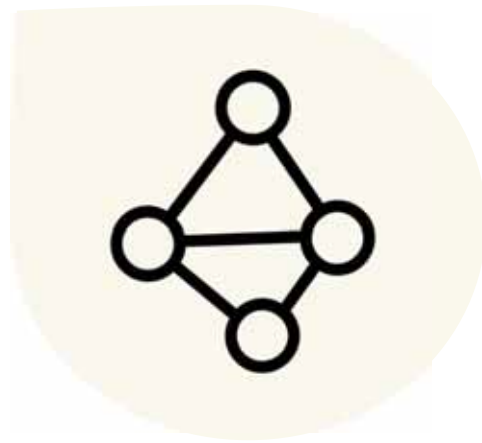


Treat outputs as hypotheses and align them with physiology and season

Be curious!

The next evolution of Precision

From algorithmic output to adaptive system learning



Systems that learn, reason, and adjust within their own ecosystems.
Advisors shift from transferring advice to curating system learning.
Precision = adaptive process – tuning feedback, priorities and parameters.

Conclusion

Everything we pretend is easy = Biology × environment × amazing algorithms × cows doing cow things × farmers doing farmer things × feed variation × software quirks × grazing management × signal interpretation × heat definitions × data entry quality × thresholds × alerts × minute-by-minute noise × judgement × farm context × what actually happened in the paddock.