

Considerations on the future role of a statistical programmer

Finn Landell – Executive Director

Parag Wani – Senior Director

CVRM Statistical Programming, AstraZeneca

23 OCT 2025





AGENDA





AGENDA

Reality Check

It's not about titles – it's about lasting change

Core foundations and critical skills

Adapting to disruption

Experimentation with control

Cultural shift: Mindset, collaboration and leadership

Closing Remarks





Reality Check





Changing Landscape

Emerging Technologies & Advanced Analytics

Complex Trial Designs

Ambitious Targets

Collaborators, Communicators, Innovators

Future

Adaptation – Challenge & Necessity

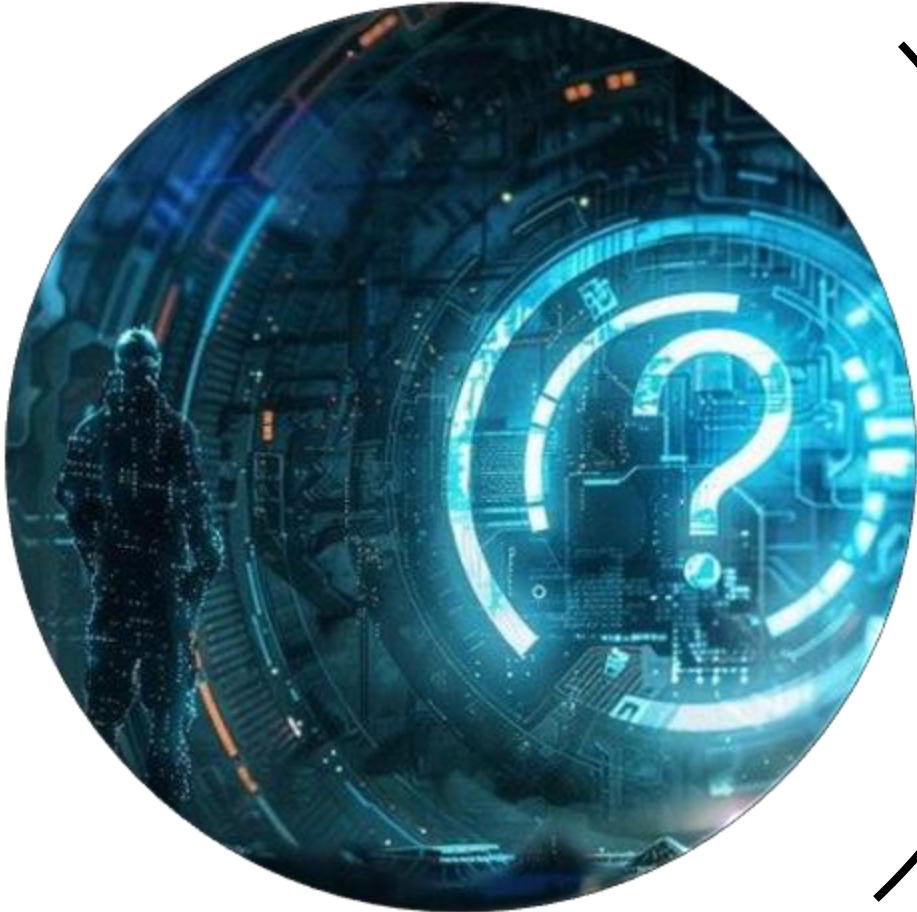




It's not about titles – it's about lasting change



It's not about titles – it's about lasting change



Titles are temporal, but...

Transformation is a continuous process

Titles are important, but...

Capacity to learn, to adapt and to evolve

Titles are industry driven, but...

Value can be driven individually and collectively

Lasting change = Core Foundational Skills +
Culture for growth and innovation

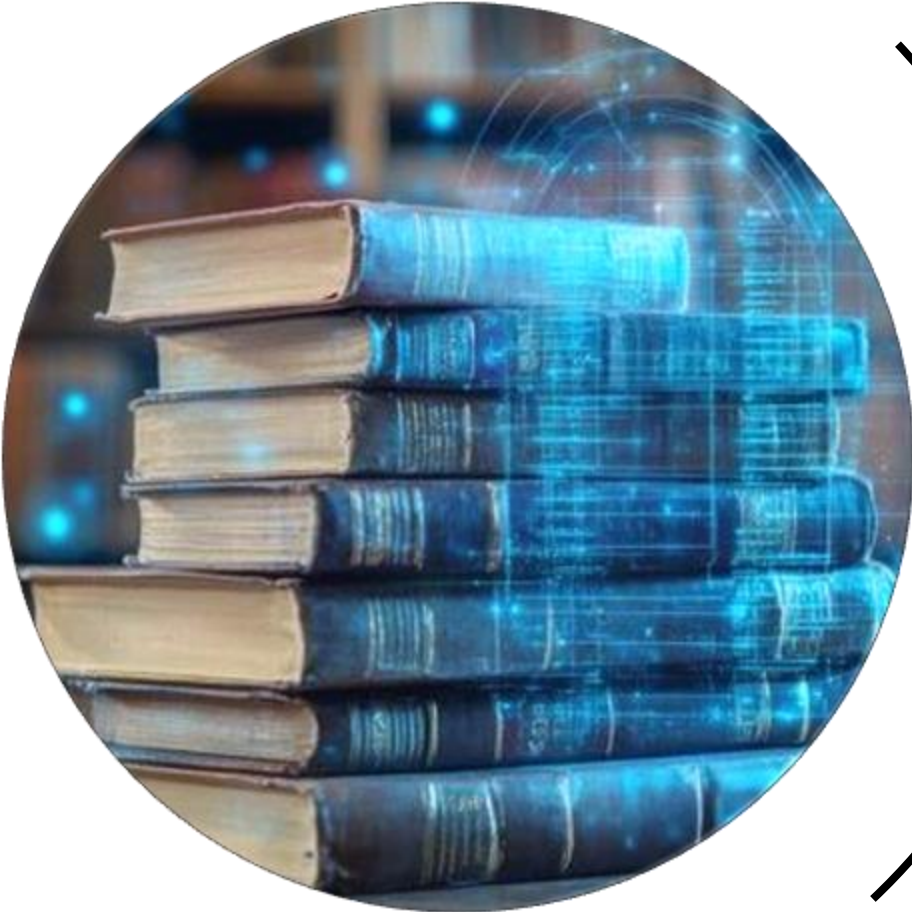




Core foundations and critical skills



Core foundations and critical skills



Need to be carved in stone

Technical Skills

Domain Knowledge

Standards & Regulatory requirements

Risk Management

Communication & Influencing Skills

Leadership





Adapting to disruption





Disruption: Drivers

Disruption: Enablers

Adapting

Balance – Delivery & Experimentation

Awareness: First step

Long term sustainability

Disruption: Opportunities



Experimentation with control



Experimentation with control



Core deliverables remain a priority

Scheduling: Off-peak, innovation cycles, post milestones

Experimentation frameworks

Boundaries, goals well defined

Pilots, time-bound PoCs, Sandboxes

Feedback and checkpoints

When to pull the plug

Value recognition





Cultural shift: Mindset, collaboration and leadership



Cultural shift: Mindset, collaboration and leadership



Continuous growth and flexibility

Interdisciplinary Collaborations

Leadership at all levels

Driver: Curiosity and not Necessity

Leaders to pave the path

Metrics are important

Attract, Develop and Retain talent

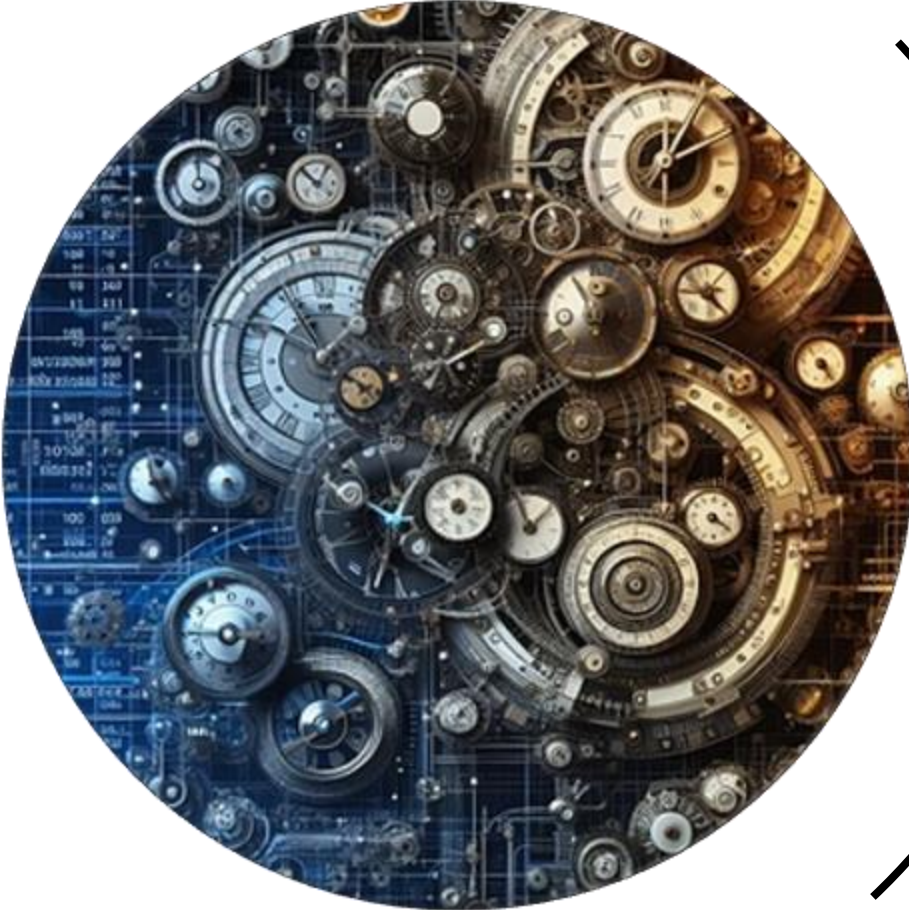




Closing Remarks



Closing Remarks



Balance: Core Foundations & Experimentation

Commitment to continuous learning

Leaders supporting individual growth

Identifying dead-ends, early

Recognizing small wins

Adapting to change Driving changes

