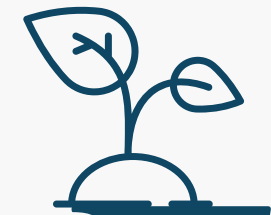
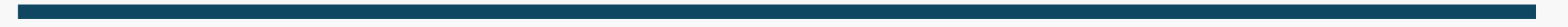


# expo IQA 25

MADRID  
May 20th,  
21st & 22nd  
2025



[expoqqa.eu](http://expoqqa.eu)



Role of Test Engineering as

# *Farmer/Hunter*



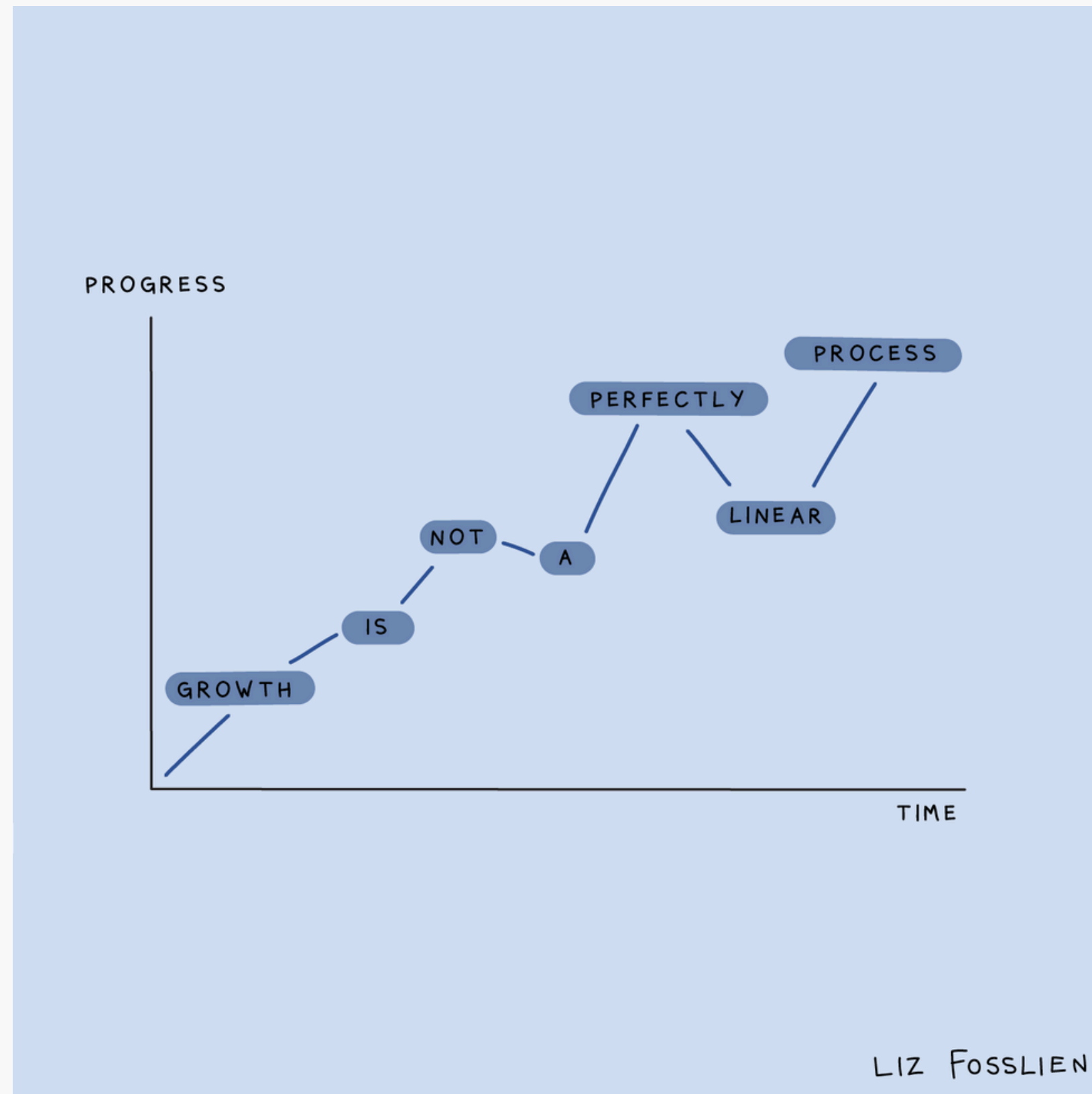
Sowmya Sridharamurthy



# Ever felt out of place?



# “El crecimiento no siempre sigue una línea recta.” (Growth isn't linear)



LIZ FOSSLIE



# Sowmya Sridharamurthy

Solution delivery & Release manager



# ACTIVITY

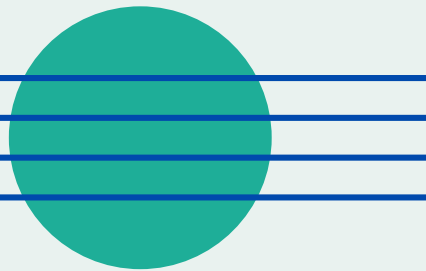
A simple questionnaire, each question with 2 options. Choose the one that closely resonates with you.

10 SIMPLE  
QUESTIONS

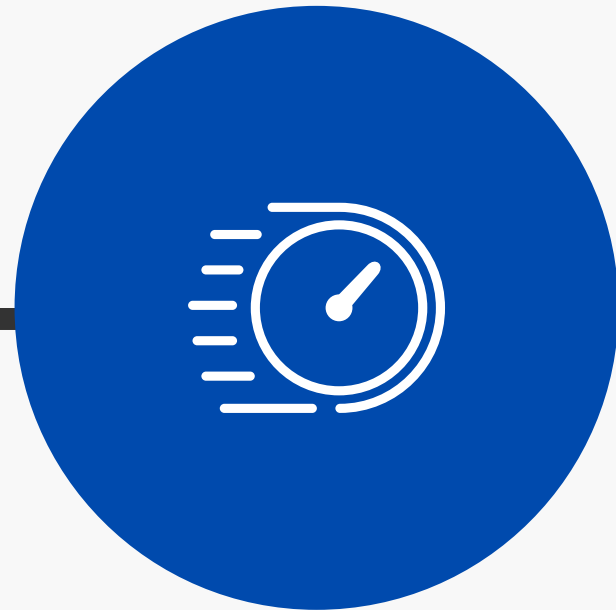
NO RIGHT OR  
WRONG CHOICE

BE TRUTHFUL

- SCORE 1
- SCORE 2

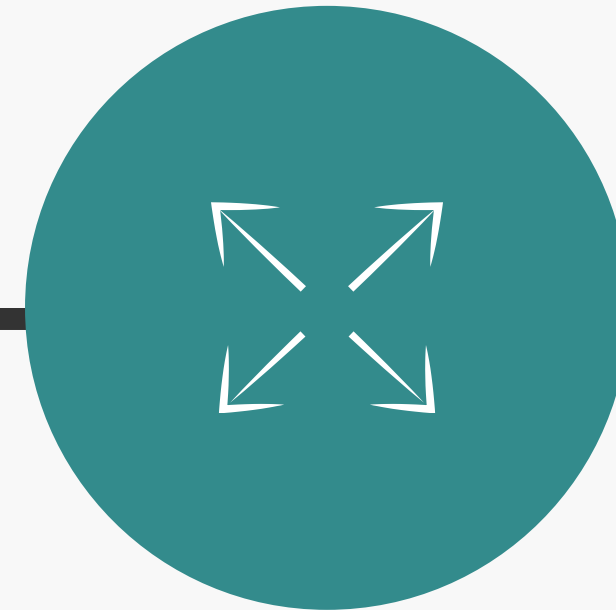


When starting a new project,  
what excites you more?



Tackling the  
immediate challenge

2



Seeing how it fits  
into a bigger picture

1



# How do you prefer to build influence or trust?



Through consistency  
and reliability

1

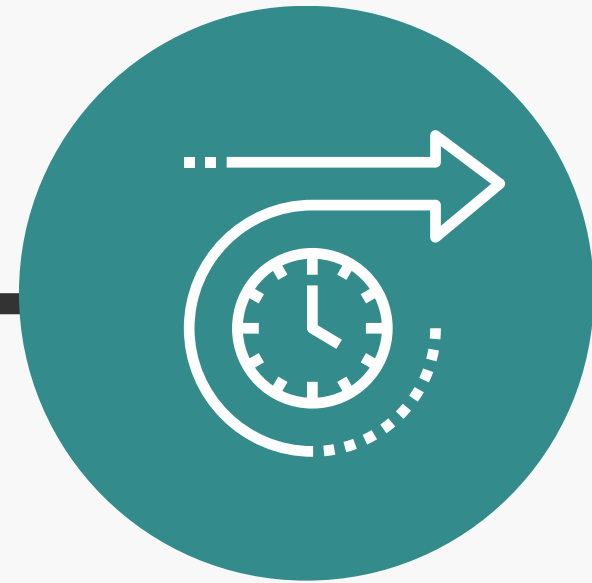


By demonstrating  
value quickly

2



# What kind of feedback drives you?



Long-term  
recognition of my  
contribution

1



Quick  
acknowledgment  
of my wins

2



# How do you usually prioritize work?



Based on urgency  
and potential  
payoff

2



Based on what's  
sustainable and  
essential

1

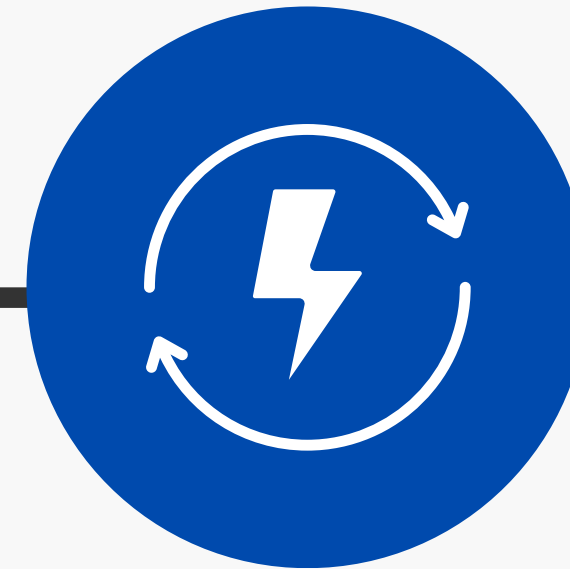


# How do you feel about shifting goals or targets?



I prefer stability to  
plan ahead

1

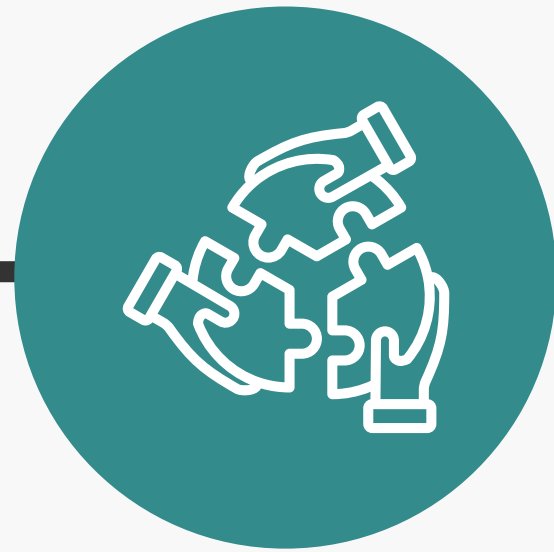


I'm energized by  
change

2



# When working with others, what do you enjoy more?



Developing ongoing  
collaboration

1



Solving immediate  
problems together

2



# In high-pressure moments, what's your instinctive response?



Step in and take  
decisive action

2



Slow down, assess,  
and stabilize

1



# What gives you more satisfaction?



Starting fresh and  
pushing through  
uncertainty

2



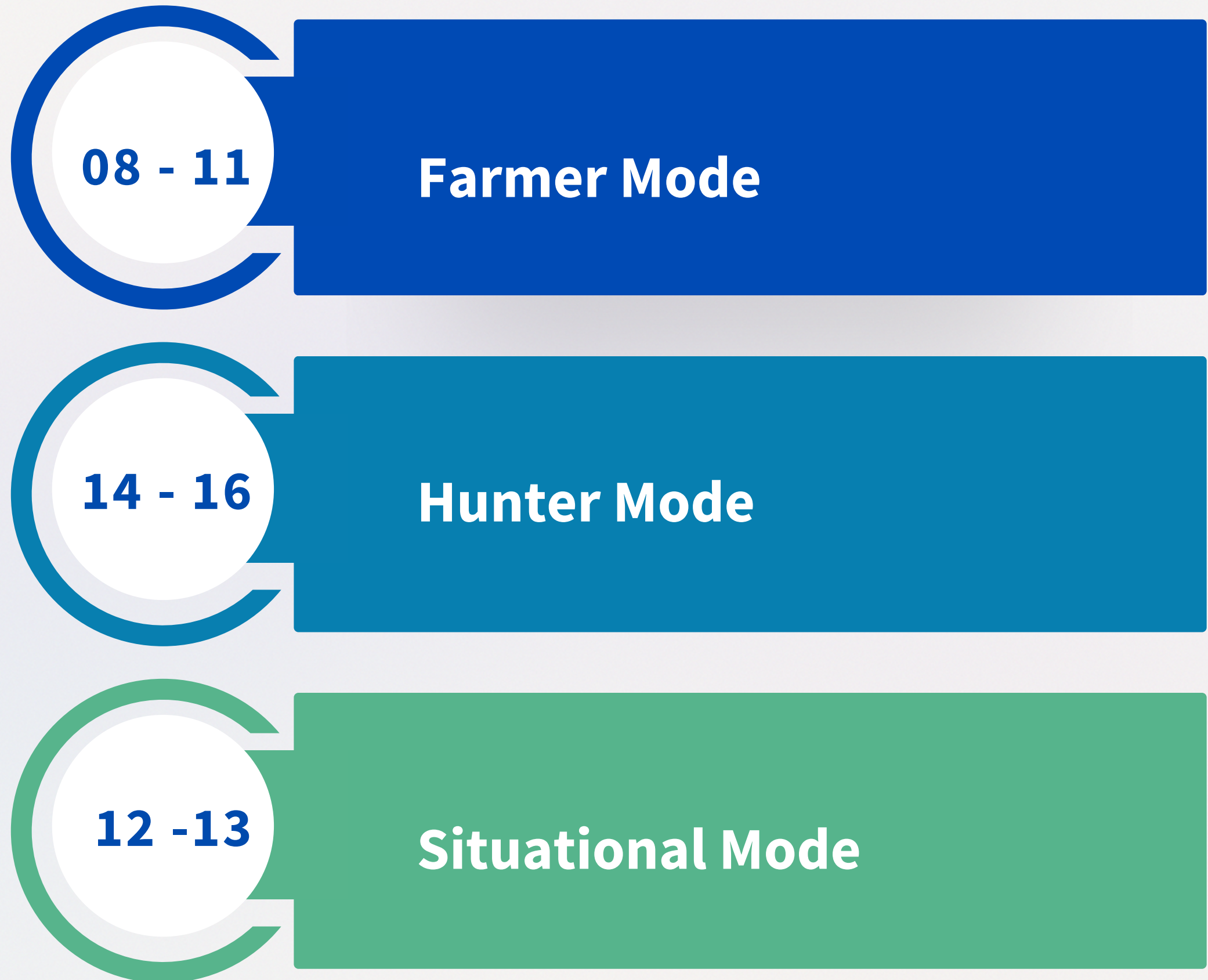
Refining and  
optimizing over time

1





## SCORING GUIDE



# Major Milestones

2000

Early rise of automated UI testing tools

2005

Agile Transformations  
(Scrum, XP, TDD)

2010

DevOps  
(CI/CD, leftshift)

2015

API test first  
(Microservices,  
Microfrontends)

2020

DevSecOps  
(Contract Testing, Cloud  
native)

2025

AI/IOT  
(Prompt  
Engineering, Synthetic  
test data)

in



# Statistics

## LinkedIn Workforce Report, 2024)

Test automation roles have grown by 42% year-over-year, while manual testing listings declined by 28% globally

---

## GitLab 2023 DevSecOps Survey

only 39% of test engineers say they feel "future-ready"

---



## Gartner Emerging Tech in QA & Testing Report, 2024

80% of enterprises are already using or planning to use AI for test case creation and maintenance by 2026.

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## MarketsandMarkets, 2023 QA Automation Forecast

AI in testing is projected to reach a market value of \$1.5 billion by 2027, growing at a CAGR of 20.5%.

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Farmer's strategy

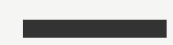
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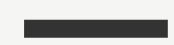
# Key Traits



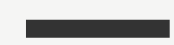
**Stability**



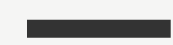
**Compounding**



**Nurture**



**Investment**





Stability



Compounding



Nurture



Investment



Process Masters



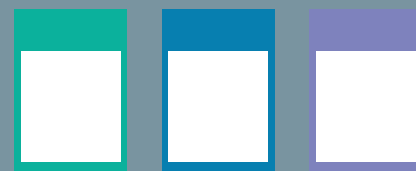
Specialists



Compliance Mgmt.



Template



Documentation



Mentoring



---



Hunter's strategy

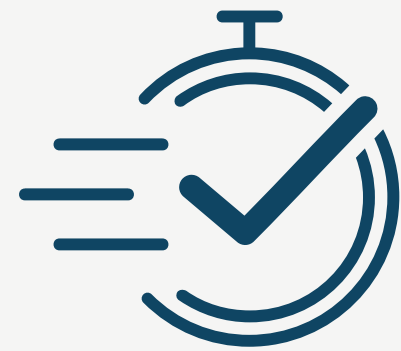
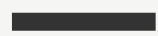
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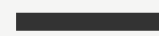
# Key Traits



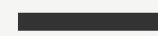
**Explore**



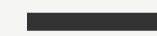
**Speed**



**Innovation**



**Risk**





Explore



Speed



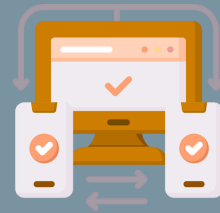
Innovation



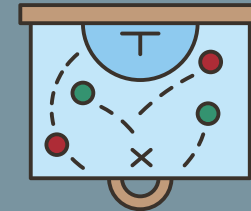
Risk



Tool Masters



Cross platform  
experts



Tactical challenges



Process  
Initiators



Innovation



Open source  
contributions



*Farmer*  
*Leveraging AI*

**OPTIMISATION AND  
MAINTENANCE**

ChatGPT,  
Diffblue Cover,  
Testim etc

**IMPACT ANALYSIS**

Launchable,  
CodeScene,  
GitHub Copilot + custom  
prompts

**RCA**

Log AI (e.g., Zebrium),  
Athenian, log analyzers

**DOCUMENTATION/  
DATA**

Swimm, Mintlify, Notion AI  
  
Test data: Tonic.ai,  
Mockaroo  
DataGenie



# *Hunter* *Leveraging AI*

## RAPID PROTOTYPING

GitHub Copilot, GPT-4, Kite, Cursor etc to build temporary disposable frameworks for quick POC's, hackathons etc

## TEST LAB

Generate user flows to run in sandbox

## OPEN SOURCE CONTRIBUTIONS

GPT-4, HuggingFace, CodeTriage etc

## KNOWLEDGE ENHANCERS

The need of speed leaves with less room for deeper knowledge. Leverage AI to generate quick understanding of new scenarios



# Guide

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## 8 - 11

### Farmer strategy

- Structured, progressive courses
- Volunteer for internal leadership roles or continuity-based committees.
- Mentorship stories, or process improvements.

## 14 - 16

### Hunter strategy

- Focus on learning storytelling skills
- Leverage testimonials or endorsements.
- Prioritize high-velocity, high-leverage events.

## 12 - 13

### Situational strategy

- Bridge between strategy and execution.
- Combine broad exposure with targeted mastery
- Regularly reassess skill gaps based on industry trends.



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Chase alignment—between who you are and what your  
career needs are

---

- **Reflect: Are you a Farmer or Hunter in the journey?**
- **Plan: What's the next move based on that**
- **Adapt: How can AI be your ally, not your anxiety?**





*Gracias*



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Thank you for attending

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