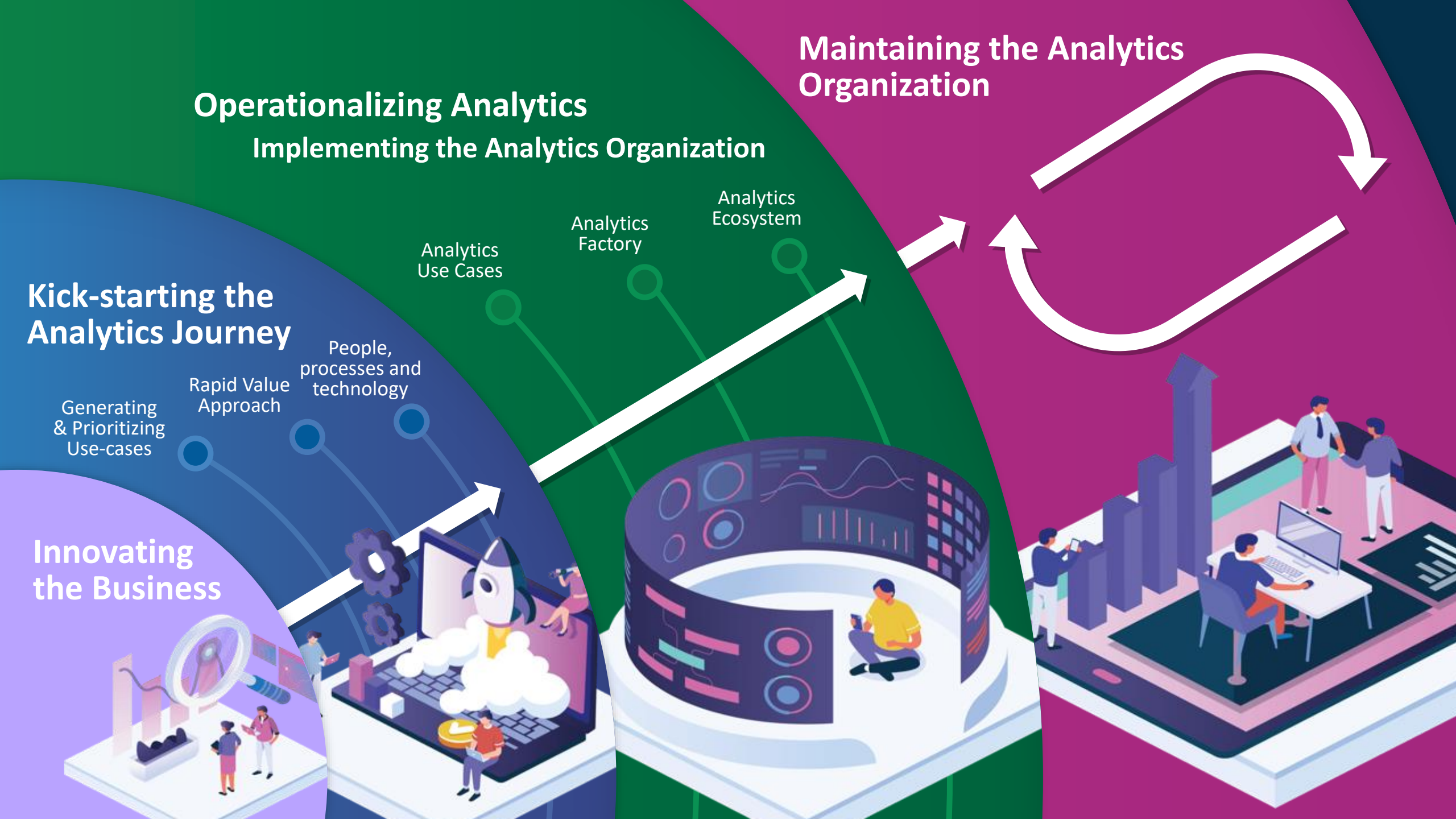

Maintaining the Analytics Organization
Operationalizing Analytics
Implementing the Analytics Organization
Analytics Ecosystem
Analytics Factory
Analytics Use Cases
Kick-starting the Analytics Journey
People, processes and technology
Rapid Value Approach
Generating & Prioritizing Use-cases
Innovating the Business

SAS Kick-start the Analytics Journey

Approach

SAS Analytics Platform

Analytics solution capabilities to pilot and operationalize use cases

+

Implementation methodology

Proven ”find-fast-or-fail-fast” approach, re-usage of experiences and roadmap for structured implementation approach

+

Staffing & skills

Team of experienced data scientists combined with customer’s business specialists and data scientists

+

Enablement

OnDemand e-Learning, Web Tutorials and on-site enablement sessions

SAS Kick-start the Analytics Journey

Purpose and Deliverables

Better understanding of AI

Familiar with all activities and elements in model lifecycle management from data to production

Knowledge around usage and interpretability of AI models

Understanding of different types of AI models

Learning to identify bias in AI models and how to overcome the effects of bias

Knowledge about AI supported decision tools for better data-driven decision making

Understanding what is needed for becoming an analytics organization

Iterative & Agile Development Process

Understanding and structuring of data

Definition of initial data engineering

Implementation of security model and folder structure, if needed

Developing, testing and assessing AI models on platform

Getting one AI model ready for production

Documentation

Recommendation for next steps to become an analytics organization

- Re-usage of experiences to innovate and define new use cases maximising business value
- ”Find-fast-or-fail-fast” approach to minimize risk and gain value quickly
- Early involvement from end-users to meet requirements and gain commitment
- Guided and tested approach to ensure a structured and efficient process

Kick-starting the Analytics Journey

Content

Use Cases and Business Value

Qualify Use Cases | Define requirements | Document Value

Prototyping

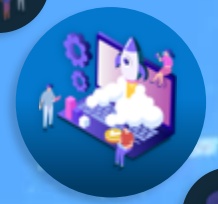
Structure Data | Develop Model | Communicate Value | Interpret Model

People, Processes & Technology

Business Priorities | ModelOps | Governance Model | Recommendations & Next Steps

SAS Kick-start the Analytics Journey

From Idea to Scaled Solution



Kick-off

Plan and Allocate Resources

Agree on dates for initial workshops and prototyping

Assign resources from Customer and SAS

Select Use Cases

Inspiration & Use Case Selection

Introduction & inspiration

Identify suitable use cases

Assess use cases; business value vs. complexity

Select use case for prototyping

Prototyping

Iterative & Agile Development Process

Develop analytics prototype

“Find-fast or fail-fast” approach

Usually offline data

Operationalize

Model-Ops Assessment

Changed Way-of Working

Create plan for scale-out and maintenance

Assess processes and people

Next Steps

Implementation Approach

Scale solution & continue improvements

Setup maintenance and governance organization

SAS Kick-start the Analytics Journey

Timeline

Planning	Data prep and data engineering	Data quality assessment	Model development	Documentation and coaching	Wrap up
	Walk-through of data and finalizing use cases	Analytics lifecycle in practice	Training	Coached hands-on sessions	
	Workshop	Workshop	Workshop	Workshop	Workshop	Presentation
	Kick-Off	**Data & as-is**	**Business value**	**Model status**	**Final review**	**Presentation**

Ethics in AI

SAS led activity

Joined activity

Sprint 1	Sprint 2	Sprint 3	Sprint 4	Sprint 5

SAS Kick-start the Analytics Journey

Outcome

Final Outcome

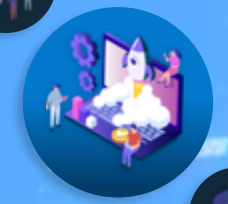
One AI model incl. presentation
Written documentation
Understanding of the use of AI in solving business problems

Customer target governance model for operationalizing AI
Recommendation for next steps to become an analytics organization
Transformation roadmap

List of use cases for future development

SAS Kick-start the Analytics Journey

Timeline and estimates



Timeline

Timeline is 5-20 weeks depending on

- Customer involvement
- Use case complexity
- Data complexity
- Model complexity
- SAS environment

Prerequisites

- Required software is installed (SAS 9.4 / Viya)
- Consultants will get direct access to data and SAS Platform
- Project team has access to relevant people at customer site

Roles

Customer

- Sponsor / business owner
- Project Manager
- Data Scientist(s)
- Business expert(s)
- IT / architect

SAS

- Project Manager
- Solution expert and Data Scientist(s)
- Architect
- Data Engineer

SAS Kick-start the Analytics Journey

Governance Model

Principles

Steering committee = strategical
Project management = tactical & operational
Project group = execution

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