

Data Science Projects

Structure and Handover of delivered Solutions

Enterprise Architecture

Vienna – June, 2020

01 Data Science Solution

A structured outcome from Data Science Projects

02 Documentation

Reports and Manuals to operate the Solution with continuity

03 Template Outlook

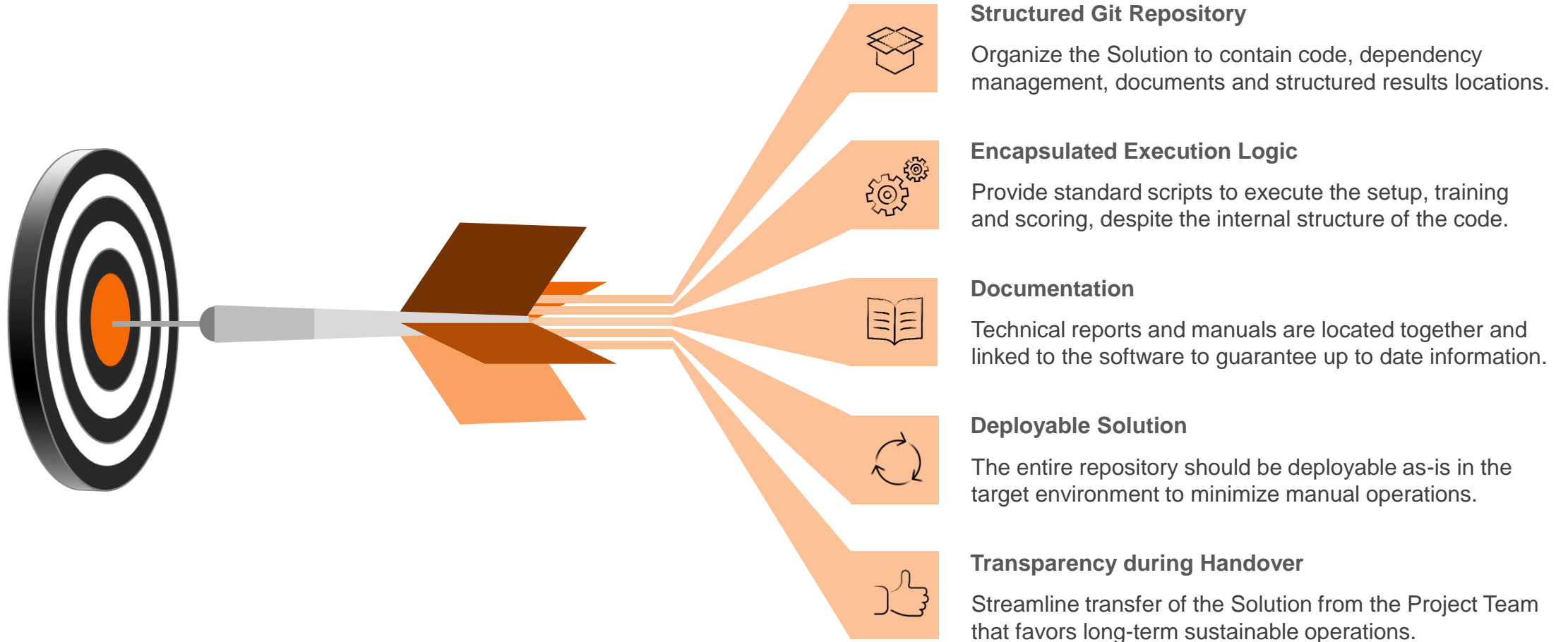
A set of templates to standardize the structure of Data Science Solutions

04 Handover Process

A streamline process to achieve long-term maintainability of Solutions

Data Science Solution

A structured outcome from Data Science Projects



Documentation

Reports and Manuals to operate the Solution with continuity

Technical Report

- Business Problem definition
- Data Assets used in the delivered Solution
- Advanced Analytics and Machine Learning approaches used in the Solution
- Metrics in use and models' performance explained
- Interpretation and understanding of scored results



Operational Manual

- Description of Target Environment to deploy to
- Functional and non-functional requirements from the entire Project Team
- Deployment procedure to adopt for the Solution
- Description of format and location of expected inputs and outputs
- Training life-cycle and ordinary maintenance to be performed after handover



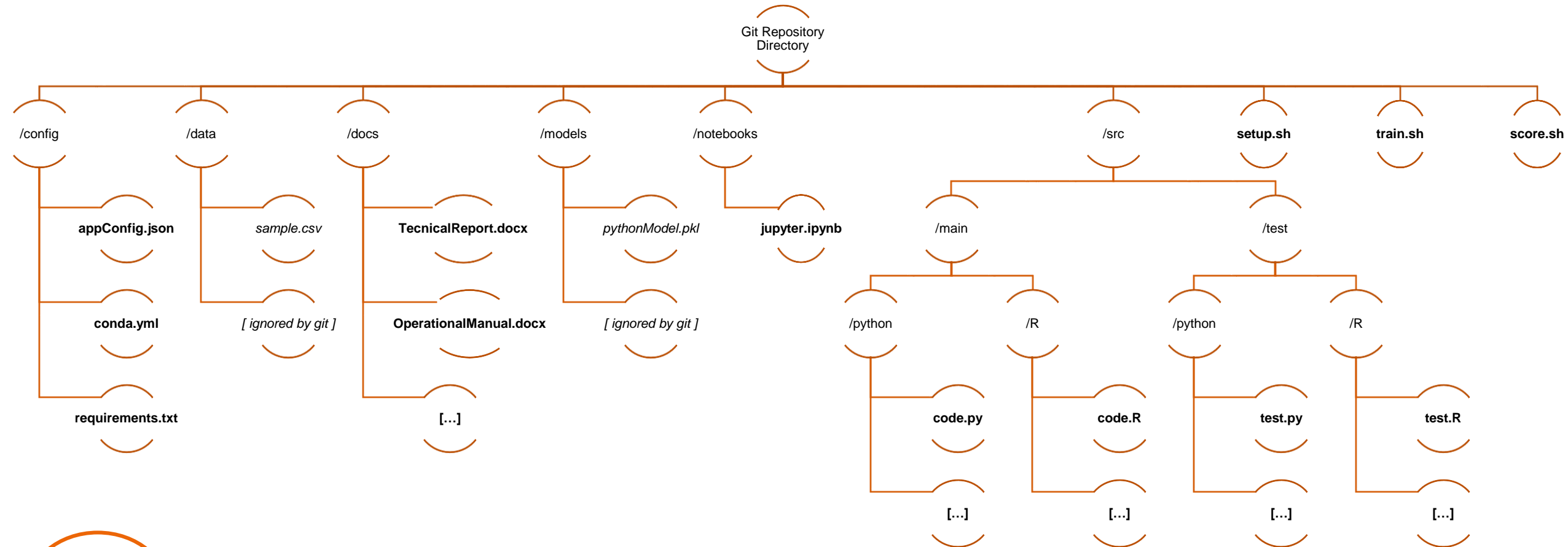
User Guidelines (ReadMe files in the repository)

- How to run the setup of the Software Solution
- How to run the software to (re)train the models
- How to run the software to score newly available data using trained models



Template Outlook

A set of templates to standardize the structure of Data Science Solutions



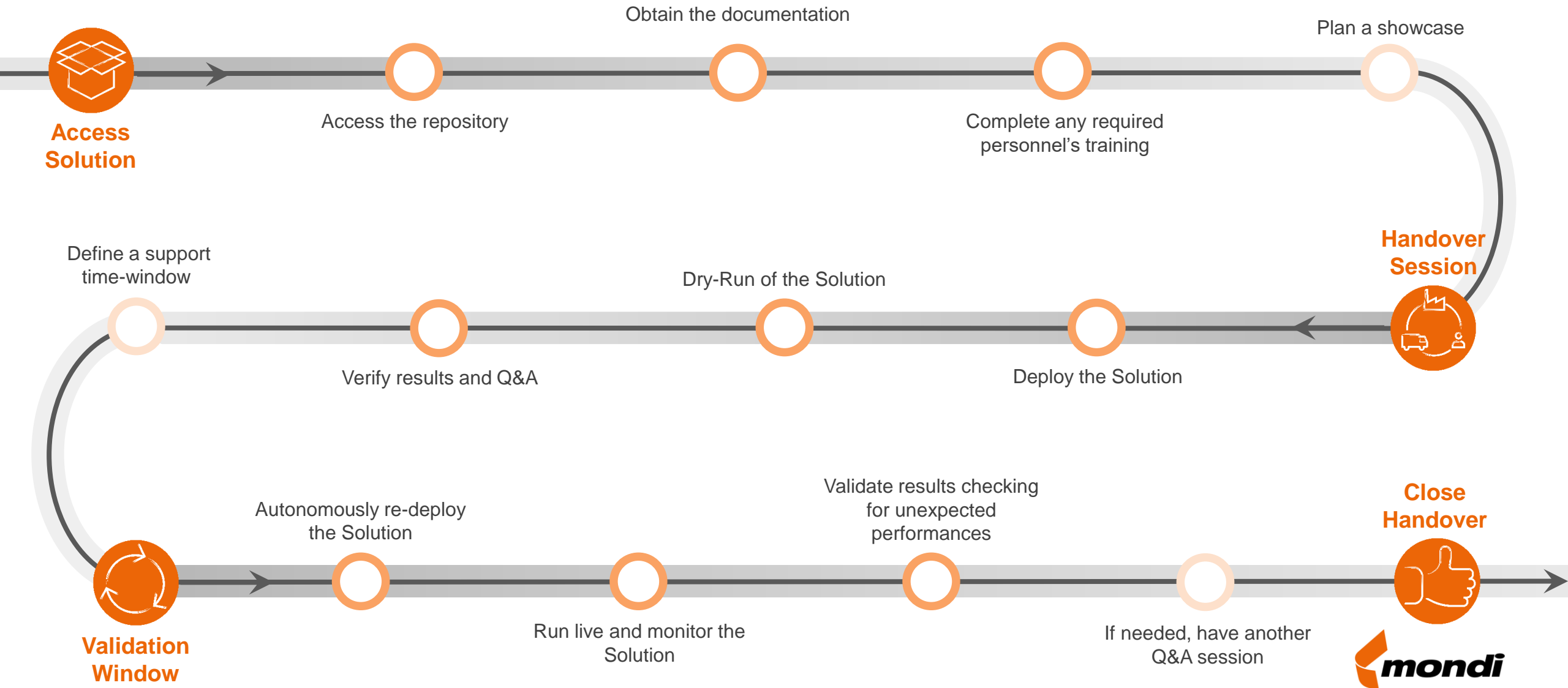
[Access the
Templates](#)

Note: Templates and example of documentation are also available in the repository in the “docs” folder

Handover Process

Data Science Projects

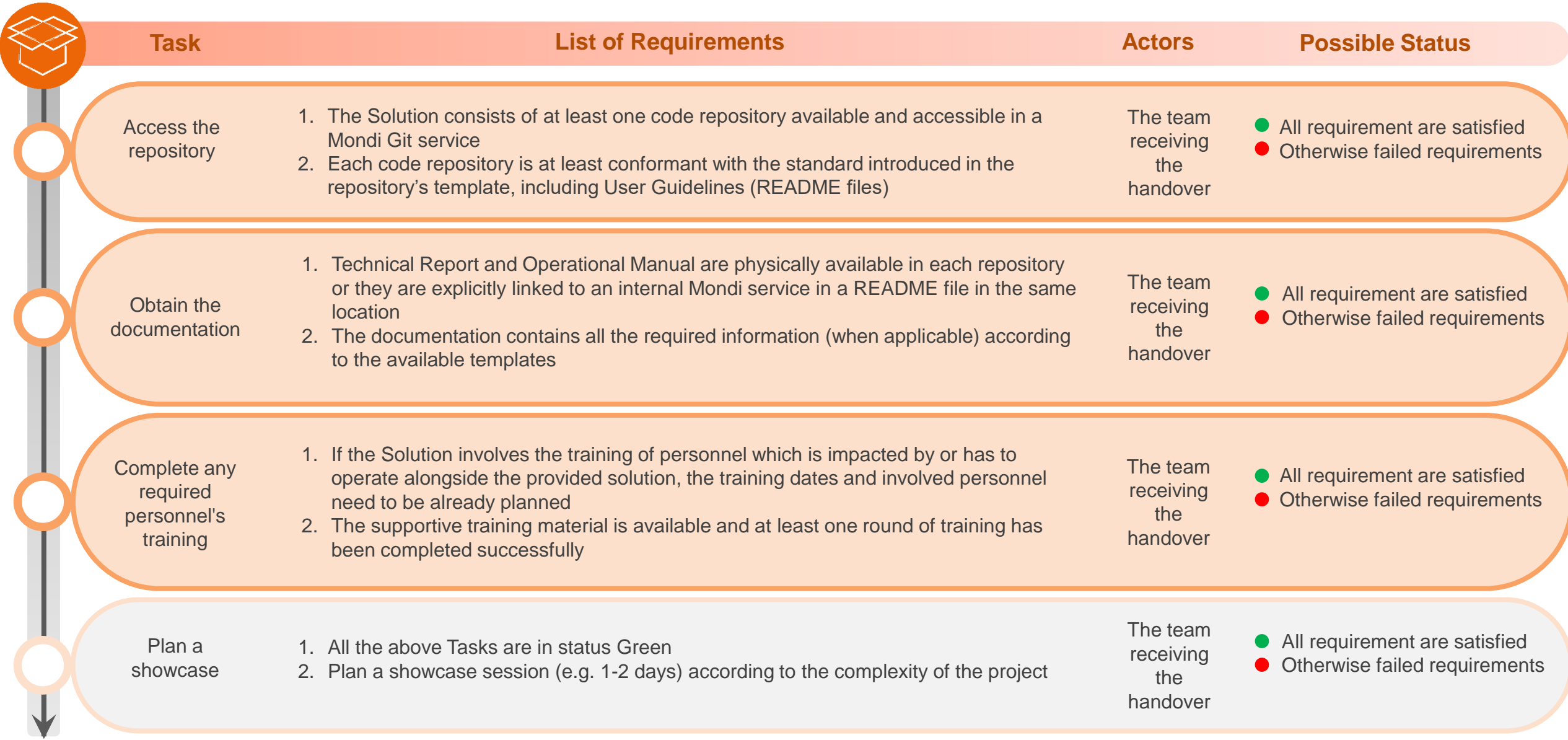
A streamline process to achieve long-term maintainability of Solutions



Handover Process

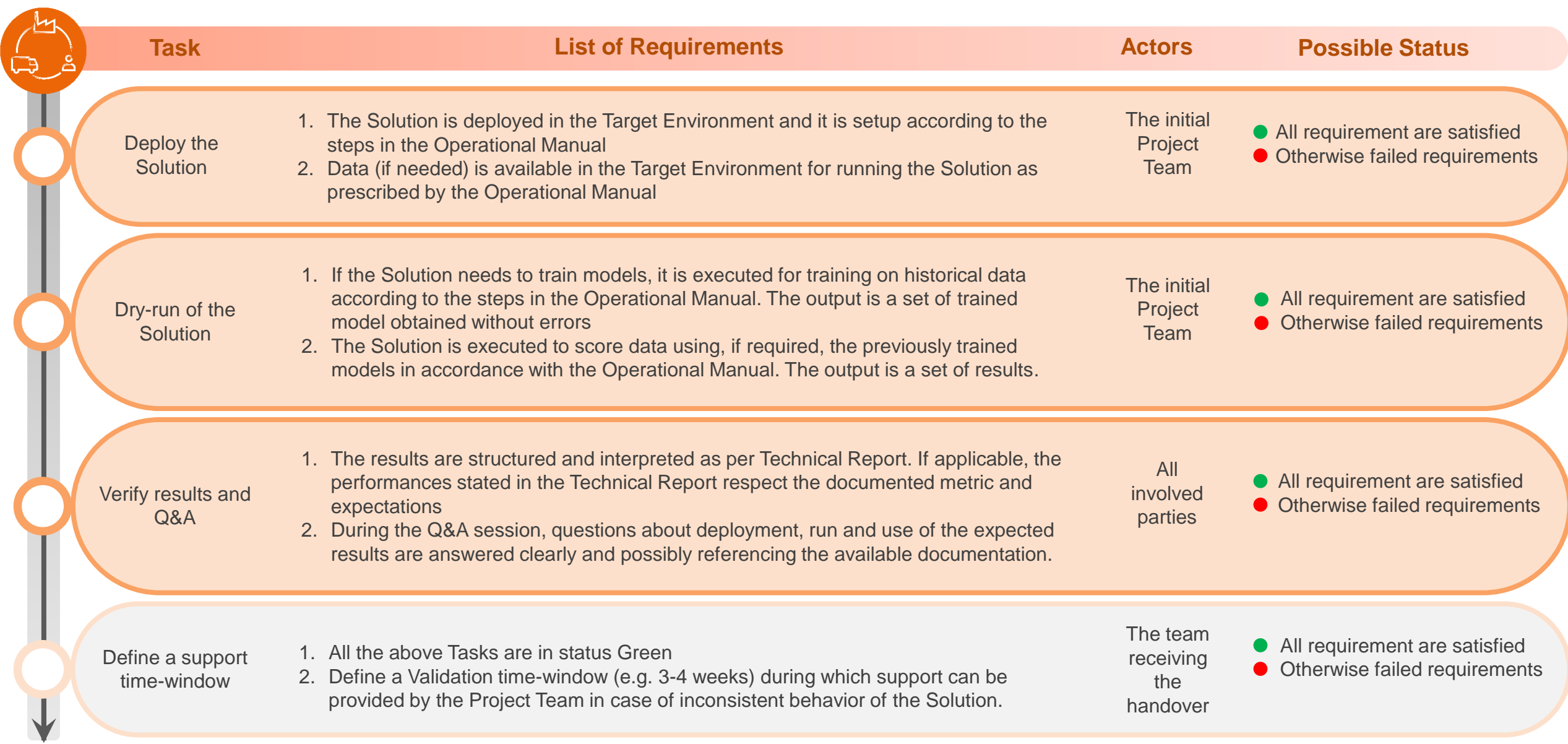
Data Science Projects

Access Solution



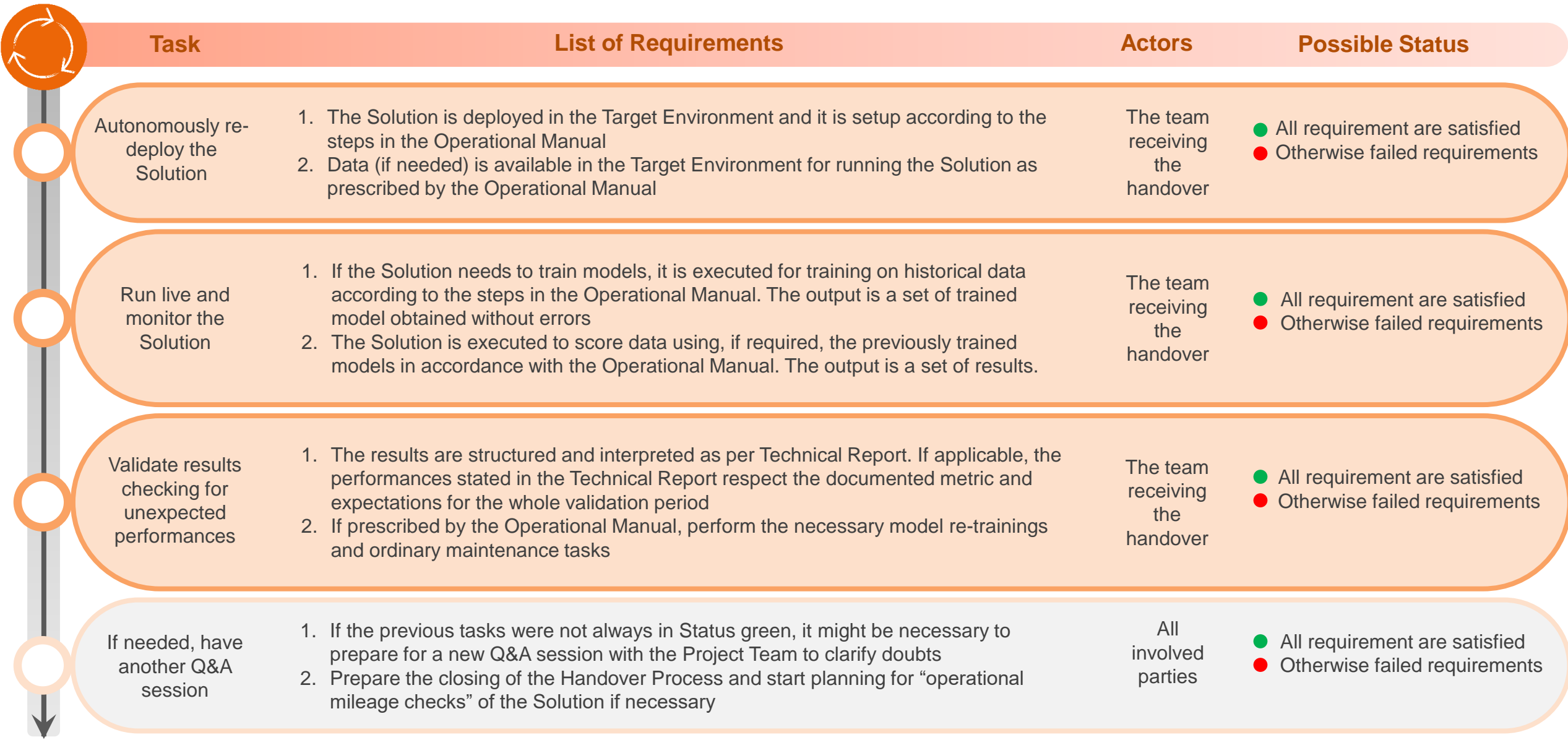
Handover Process

Handover Session



Handover Process

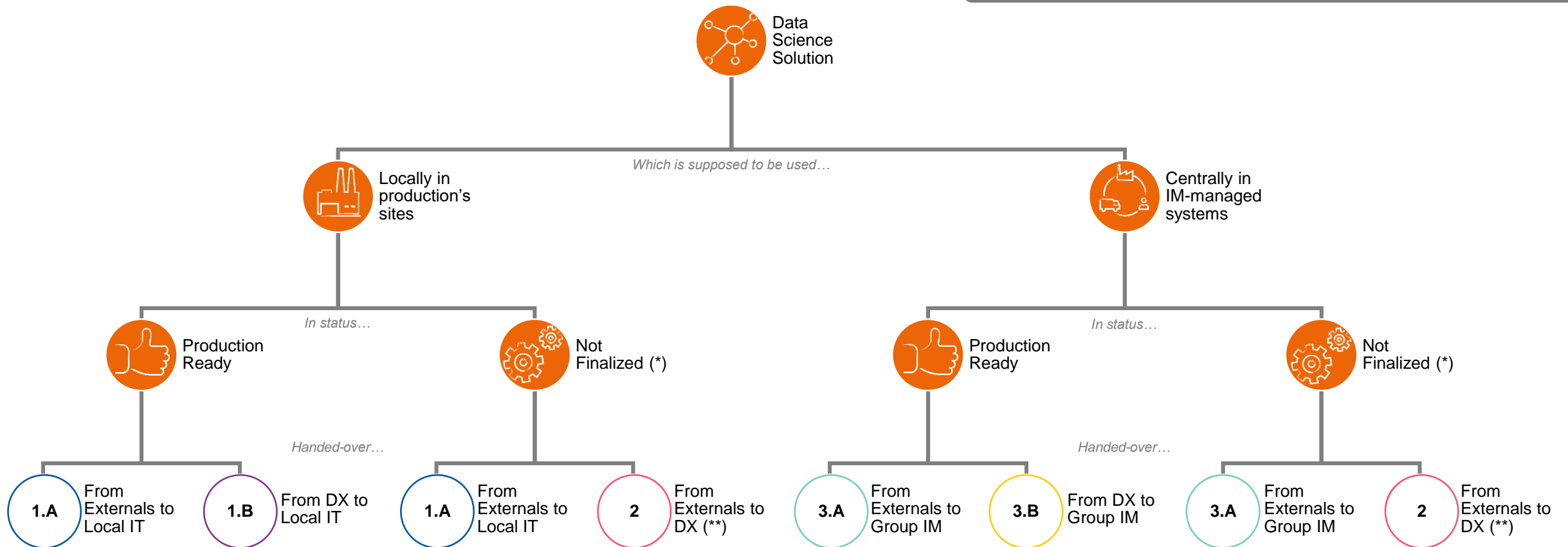
Validation Window



Handover Process

Necessary when...

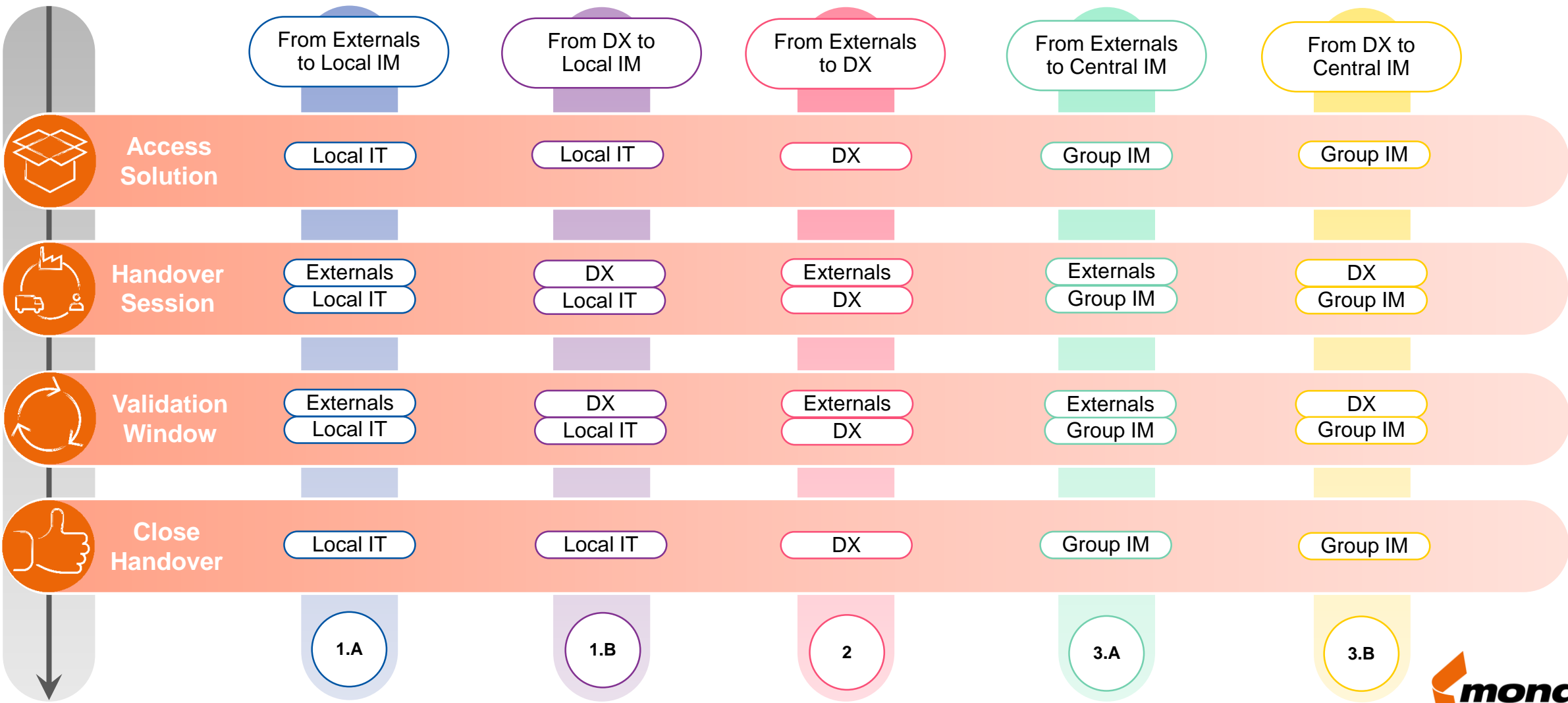
(*) When “Not Finalized” an Handover is supposed to happen even if requirements are missing due to the uncompleted stage.



(**) The scenario of handover of “Not Finalized” projects from Externals to the internal DX team doesn't represent a deployable Solution. Another handover will be in place from DX to the IM team once the project will be completed and “Production Ready”.

Handover Process

Active involvement of teams





Thank you!

