

# TURNING ORDINARY DATA INTO DATA YOU CAN TRUST!

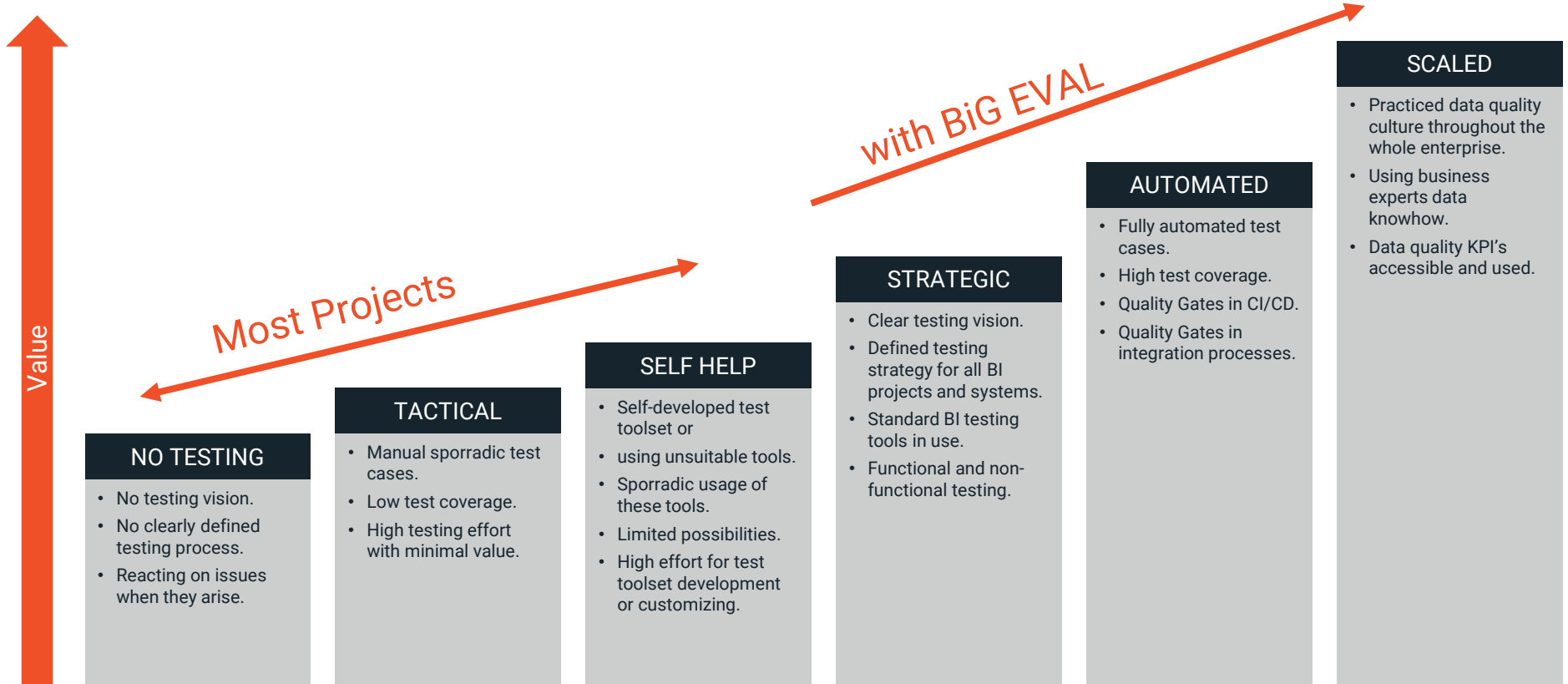
BiG EVAL Data Quality Automation



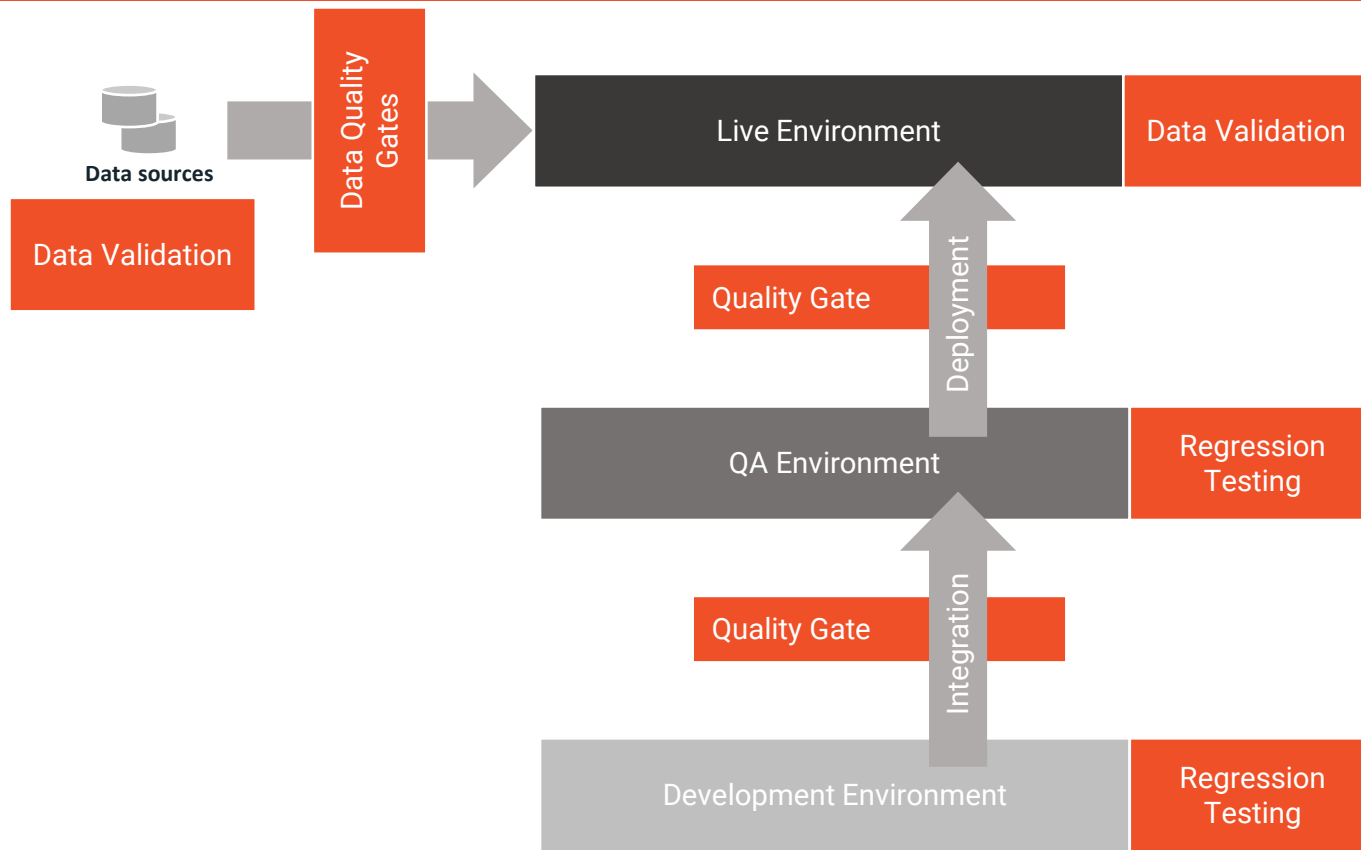
HIGH DATA QUALITY  
MASTERED.



# Data Quality Assurance Maturity



# Data Test Automation Possibilities



Azure DevOps

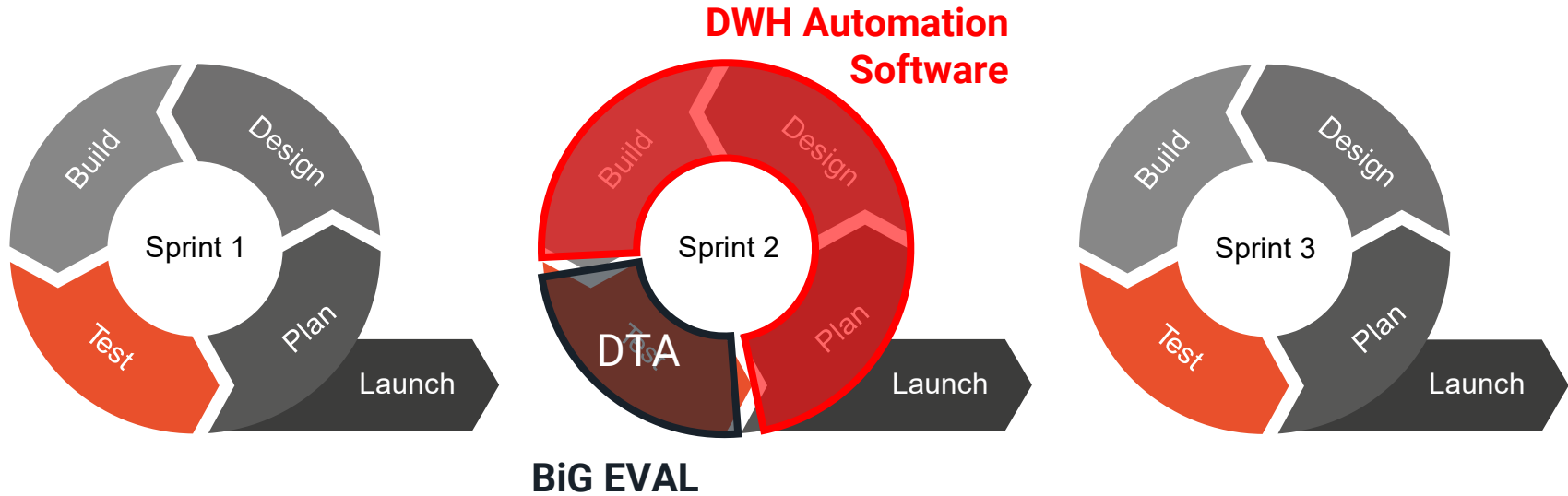


PowerShell Module

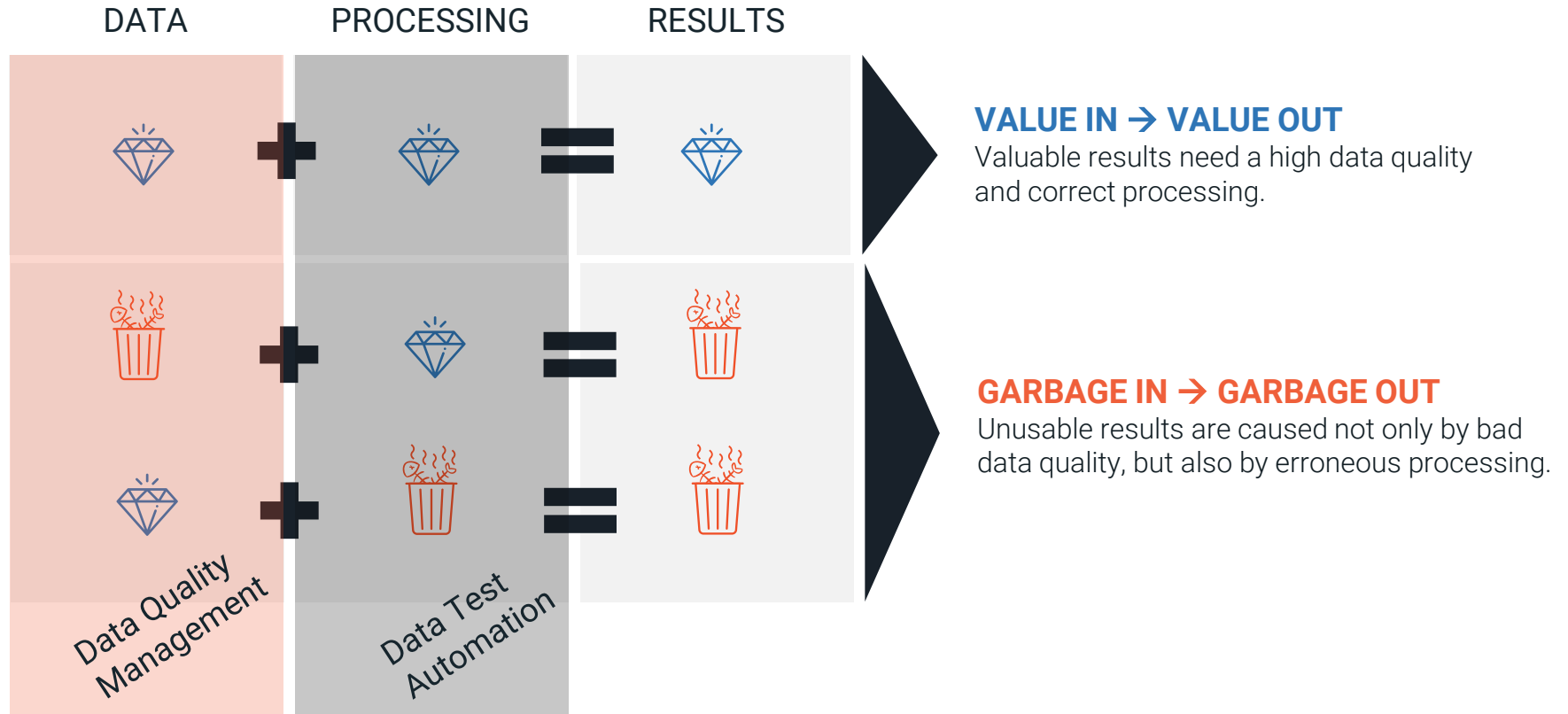


REST API

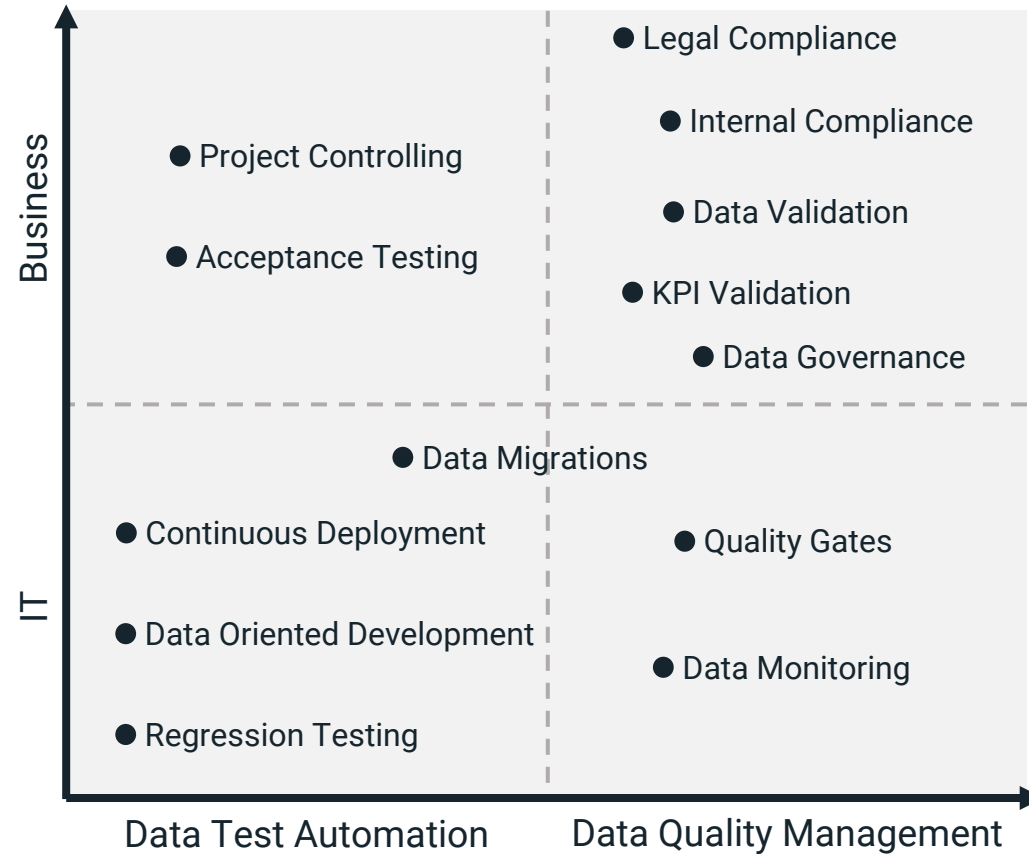
# Data Test Automation in an agile Data Project



# Our goal: Value in → Value out



# Where do we want to throw out the testing net?



## Challenge

- **Standardizing** an inhouse-developed data warehouse testing solution.
- Reliable **migration** of extensive test cases.
- **Integration** into existing quality management systems and processes.

## Solution with BiG EVAL

- **Cross-Technology and multi-system** test case logic.
- Test case execution **in all system environments** (DEV, TEST, PreProd, PROD).
- Complete adoption of existing test case logic using the **flexible scripting features** of BiG EVAL.
- **Massive Scaling** based on Metadata runs **17'000 test cases**.

## Benefits

- **Big improvement of data quality** within a short time.
- Recovering the **control over data quality**.
- **Data checks** rolled out to **other departments and processes**.  
E.g. BiG EVAL was used to automatically monitor business rules within the internal control of the company that were manually done using an Excel-solution before.

BiG EVAL helped us to reach a stable and good data quality.

**Günther Engeler**  
QA Manager BICC

# Helsana

Leading health and accident insurer of Switzerland.

Customer since: 2017  
Revenue (CHF) 6.5 Mrd.  
Employees: 3'245

Success Story



Download PDF

# How does BiG EVAL operate?

Your data



Data bases



Flatfiles



ERP, CRM, ...



Metadata



Processes



Cloud

Automated checks  
for quality criteria



Indications and alerts on  
detected issues



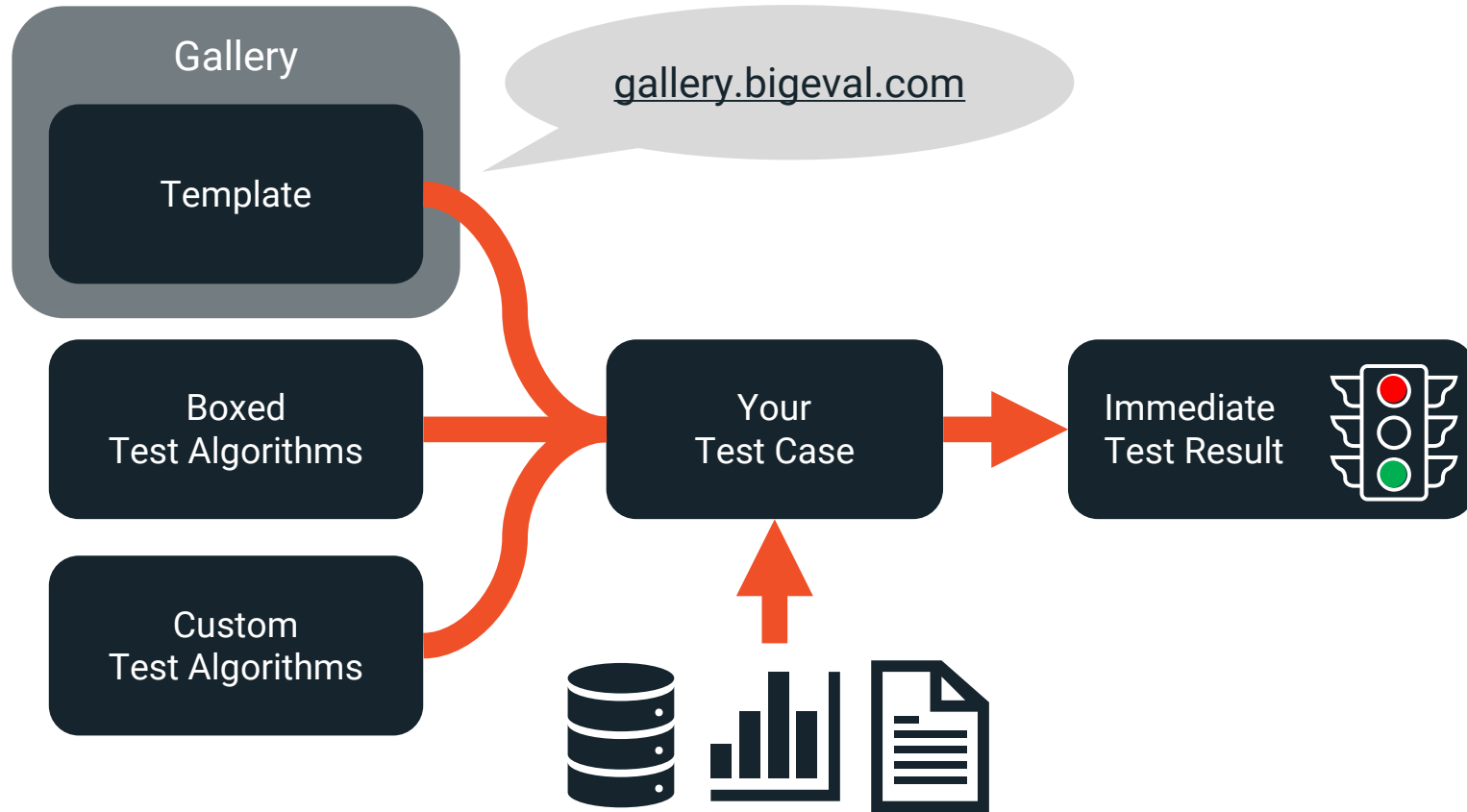
Assisted problem  
solving

\* Corporate Edition only





# Same Day Productivity



# Areas of BI Testing BiG EVAL supports

## Data Integration Testing

- Source Data Quality Gating
- ETL / ELT
- Transformations
- Historization
- Logging & Auditability

## Data Model Testing

- Integrity
- Consistency
- Completeness
- Scalability
- Schema

## Analysis Model Testing

- Plausibility of KPI and information
- Aggregations
- Calculations
- Value Distribution

## End to End Testing

- Data Comparisons
- Object Availability / Duplicates
- Component Integration

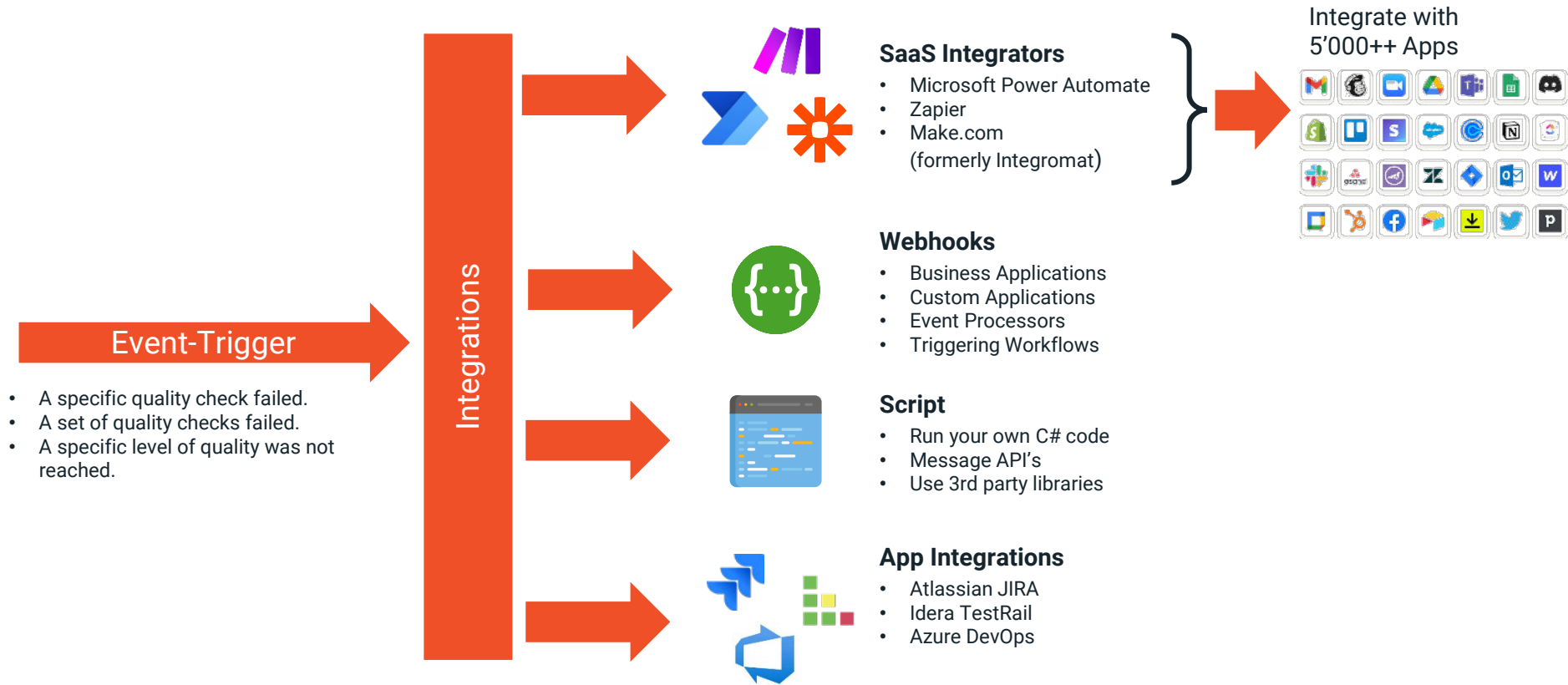
## Security Testing

- User Access
- Admin & Operator Access
- Security Auditing

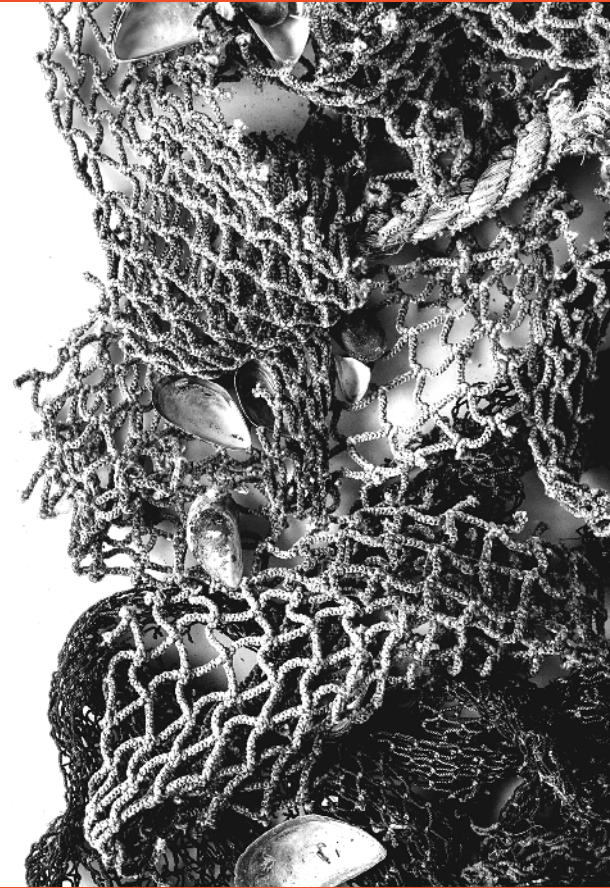
## Performance Testing

- Data Integration
- Analysis Model Performance
- Report Performance

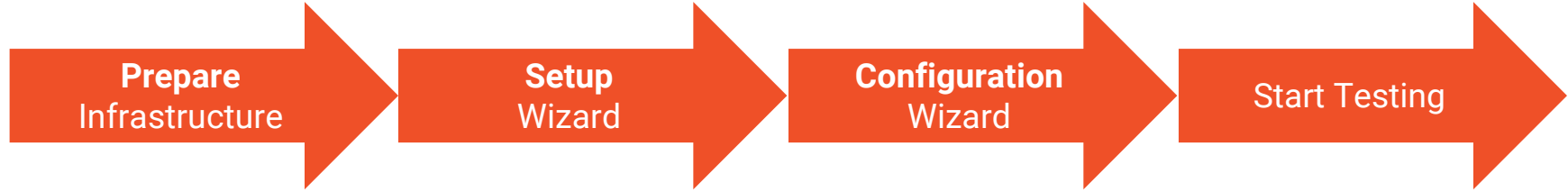
## Scripted Testing



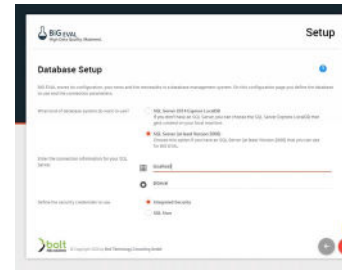
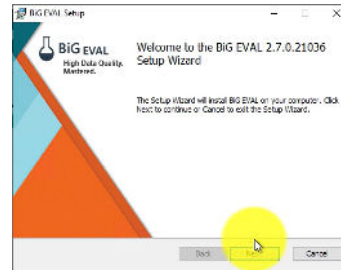
# DEMO



# Getting started is simple!



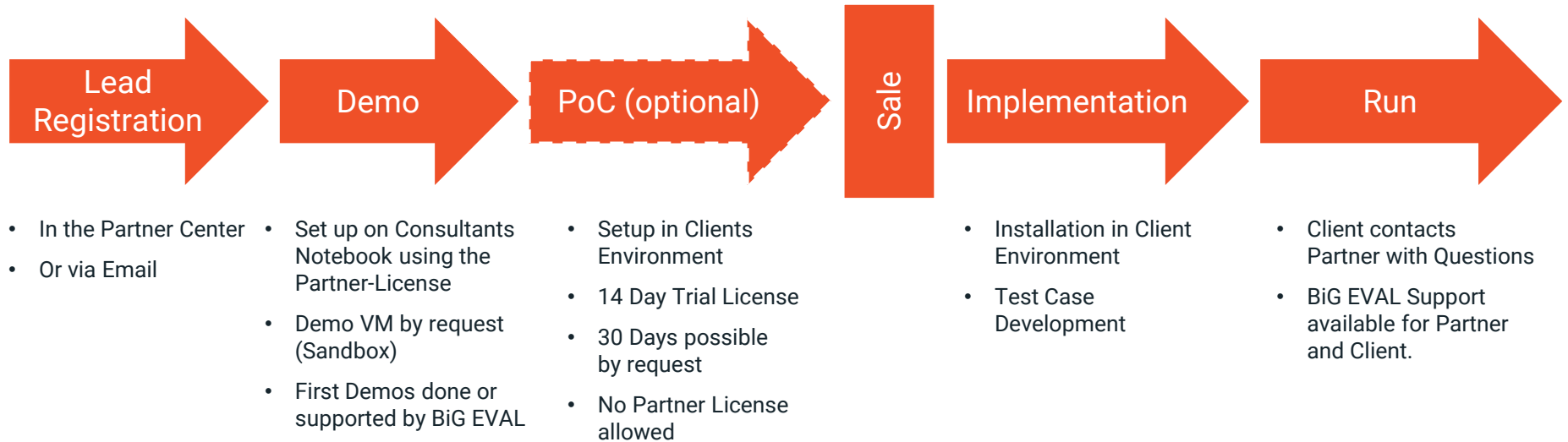
- <https://bigeval.com/docs/admin/planning-setup/system-requirements/>



Documentation <https://bigeval.com/docs>

Support ([support@bigeval.com](mailto:support@bigeval.com))

# Project Handling



**Trainings** (BiG EVAL Academy or by the Partner)

**Support** ([support@bigeval.com](mailto:support@bigeval.com))

## Consult Documentation

- <https://bigeval.com/docs>

## Contact Support

- Via Email to [support@bigeval.com](mailto:support@bigeval.com)
  - Language: English or German
- The following helps us solving issues faster!
  - Name the customer company
  - Be precise
    - What is the issue and what was done/clicked?
    - What did you already try to solve the issue?
  - Send Screenshots or a Video.
  - Send Logfiles  
<https://bigeval.com/docs/admin/maintenance/accessing-the-logfiles/>
  - A new Email-Thread for every new question.



## Downloads

- > Factsheets
- > Success Stories
- > Pitchdecks
- > Pricelists
- > Tools
- > eBooks
- > Media
- > Recordings



# Getting Access to the Partner Center (and the Academy)



- Goto <https://bigeval.com>
- Click Sign In
- Click Register

- Send an email with your username to [support@bigeval.com](mailto:support@bigeval.com) and request Access to the Partner Center

- Goto <https://bigeval.com>
- Sign out and Re-Sign-in
- Open Partner Center Resources -> Partner Center or Resources -> Academy

# LET'S GO ERROR-FISHING!

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HIGH DATA QUALITY  
MASTERED.