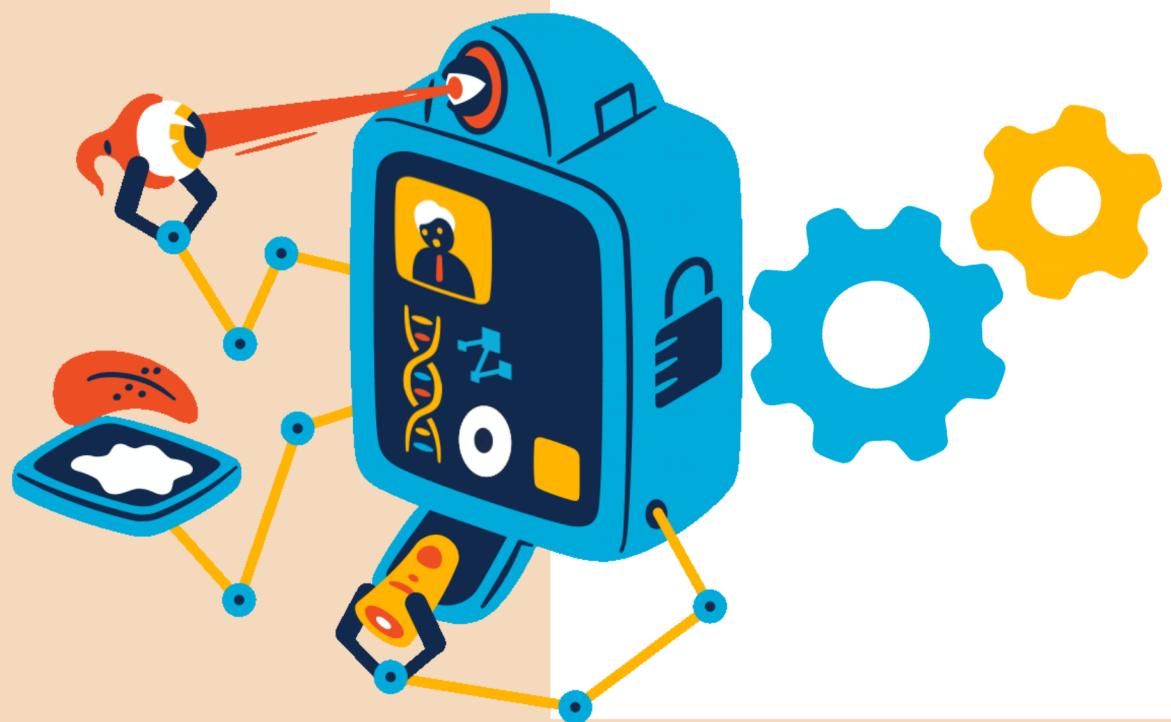


# AUTOMATION TESTING BASICS



learn  
more

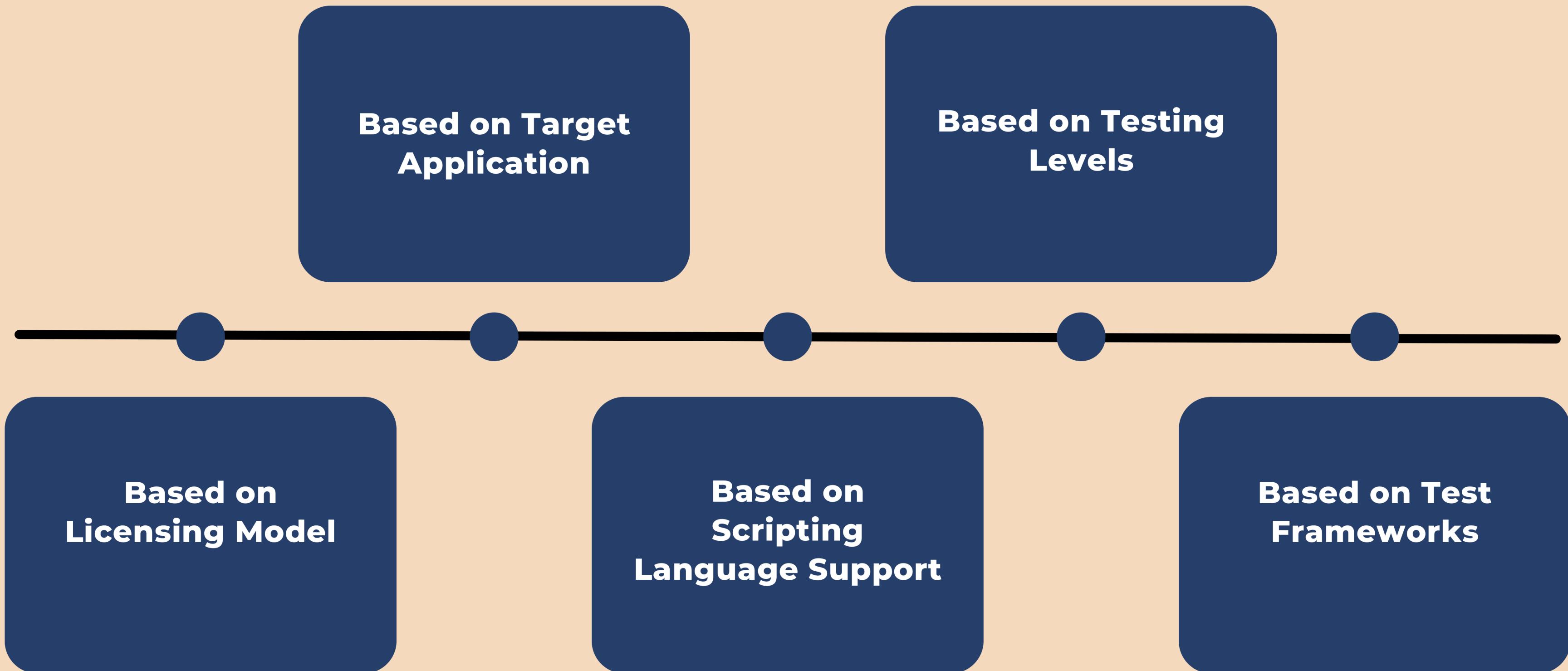


# WHAT TO EXPECT



- 1 Tools Categorization
- 2 What is Open Source ?
- 3 Characteristics of Open Source
- 4 Examples
- 5 Commercial Tools & licenses
- 6 Automation Tools in Market
- 7 Important Message
- 8 Automation Testing \$ Market
- 9 AI in Automation Testing

# Test Automation Tools Categorization



# What is Open Source ?

"Open source" refers to a type of software or technology that is distributed with a license that allows anyone to view, use, modify, and distribute its source code freely. Open source software is typically developed and maintained by a community of volunteers, developers, or organizations who collaborate and share their work openly.

# Characteristics of Open Source

01

**Open Access**

02

**Source Code Access**

03

**Licensing**

04

**Community Collaboration**

05

**No Vendor Lock-In**

06

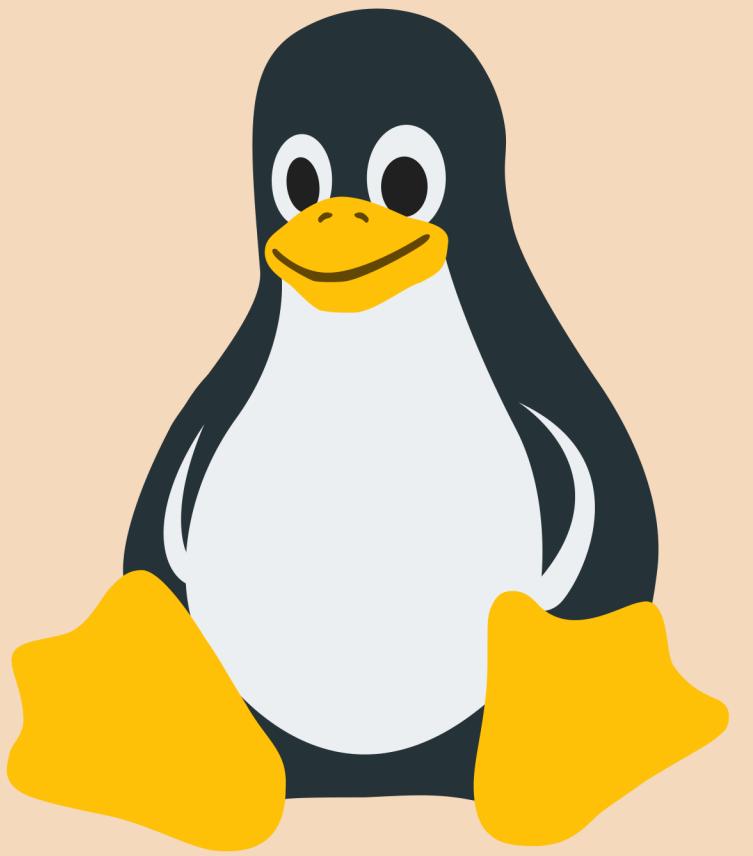
**Transparency**

07

**Innovation and Customization**

08

**Security**



Linux



Mozilla

# Commercial Tools & licenses

Commercial software tools are software products that are developed and sold by a company or organization for a fee. These tools often come with specific licensing models that define how the software can be used, distributed, and supported.





!  
**DISCLAIMER**

A red speech bubble containing the word "DISCLAIMER" in red capital letters. A yellow exclamation mark is positioned above the word. The speech bubble has a small tail pointing downwards.

# Automation Tools in Market

EXAMPLE



**Selenium**

OpenSource

UI Testing



**SoapUI**

OpenSource

API Testing



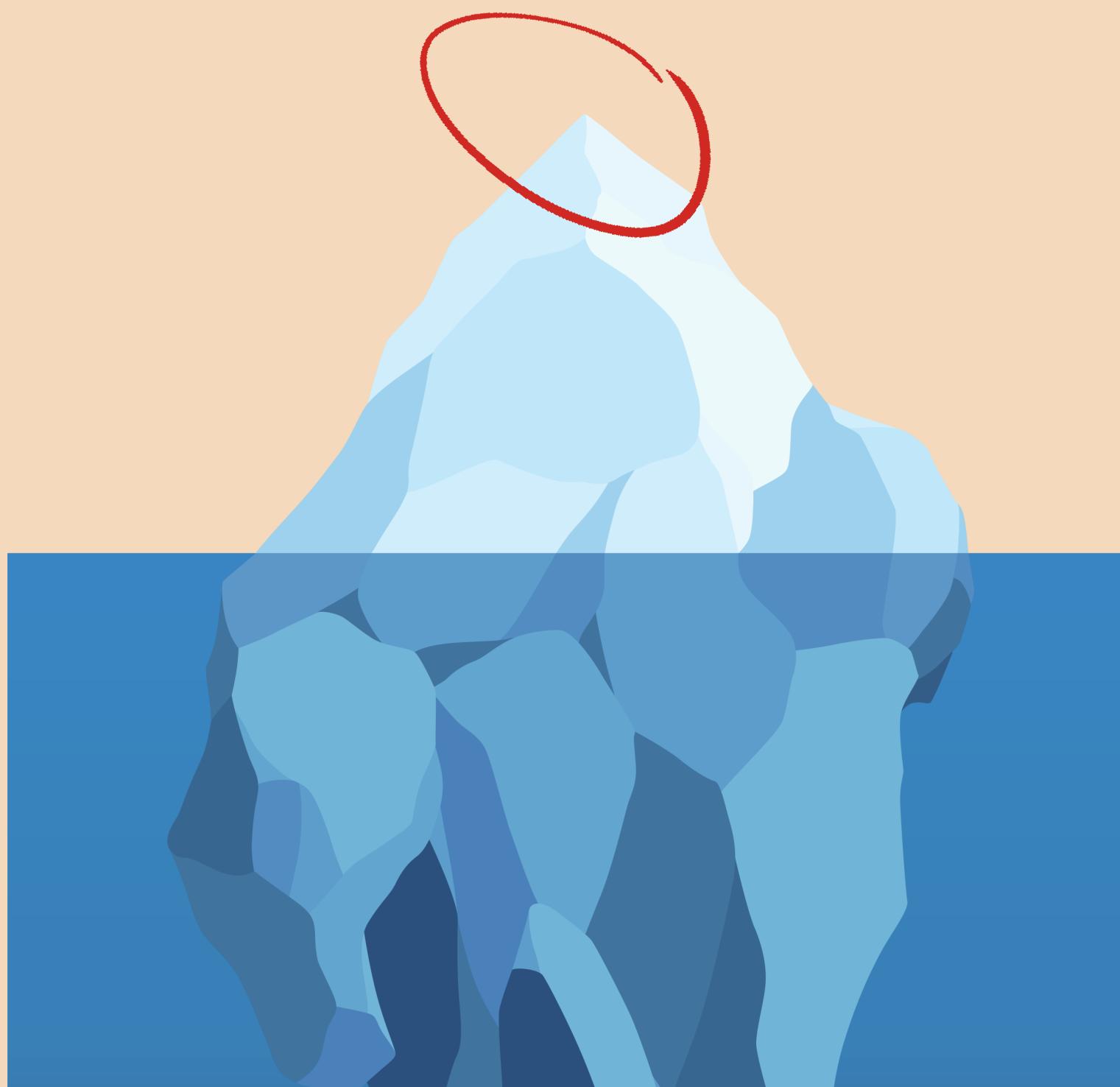
## TestComplete

**TestComplete**

Commercial

UI Testing

Tip of the Iceberg 😊



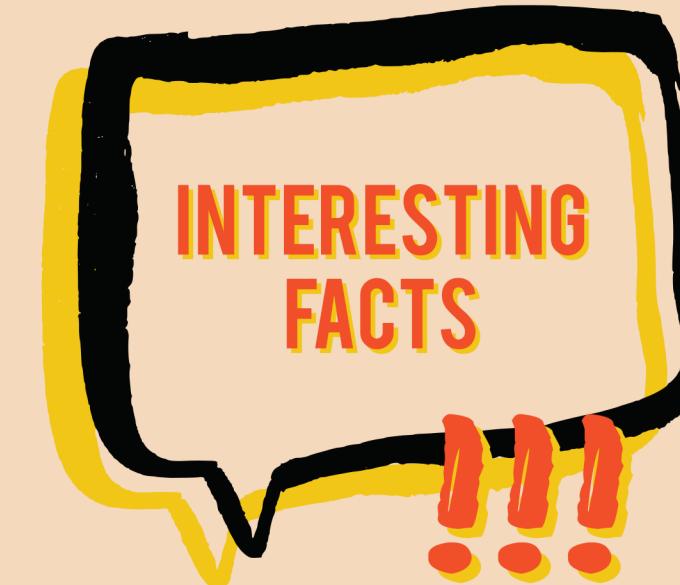


## HELPFUL TIPS

1. More modules to cover Automation
2. Some Programming skills will be necessary
3. Take it slow !
4. Re - Watch/Play

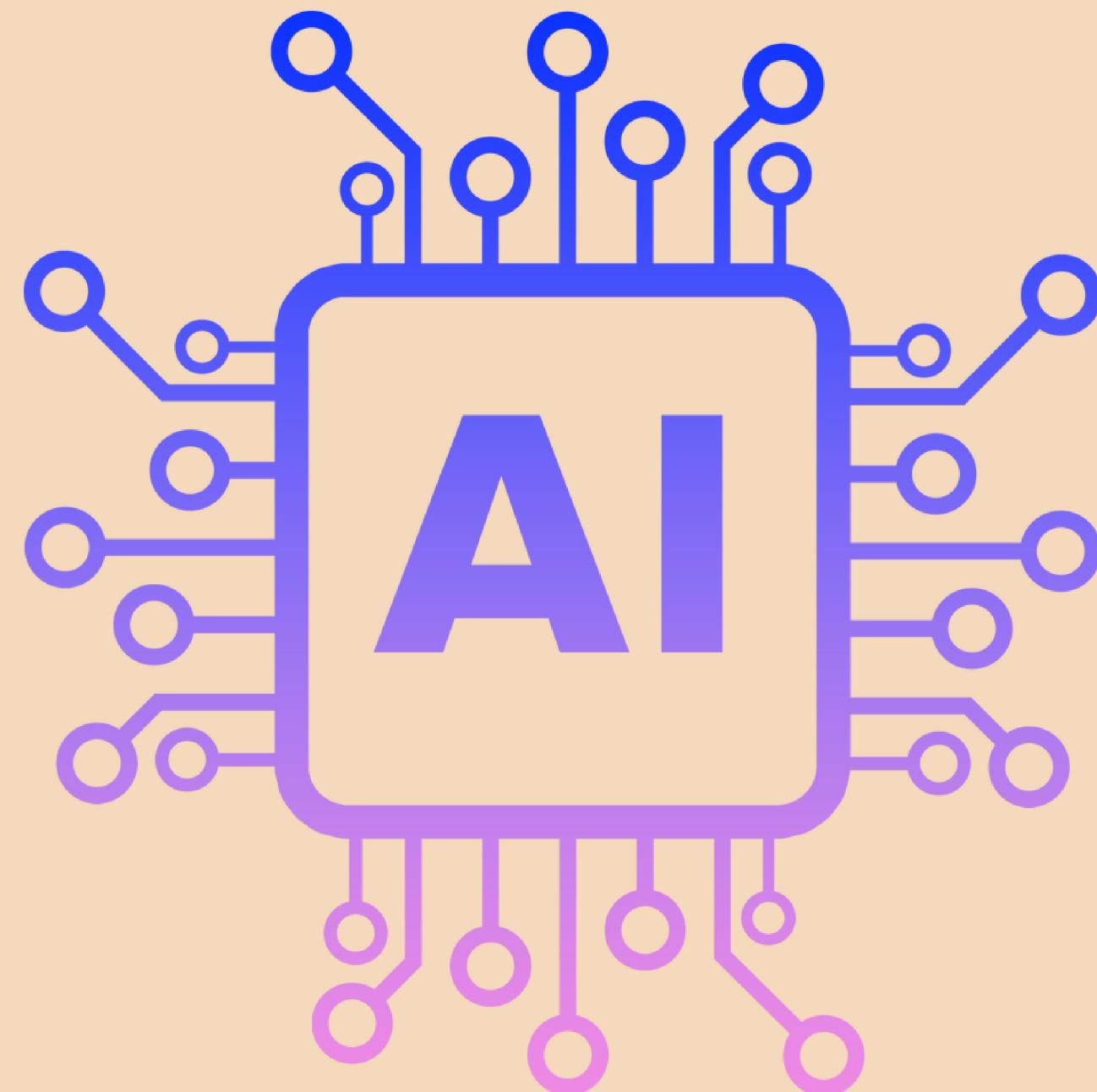
# Automation Testing \$ Market

The Automation Testing Market size was valued at USD 24.7 billion in 2022 and it is projected to reach USD 52.7 billion by 2027



<https://www.fortunebusinessinsights.com/automation-testing-market-107180>

# AI ( Artificial Intelligence )

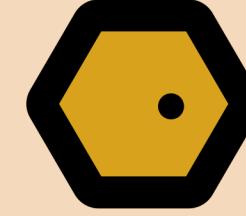


# AI in Automation Testing

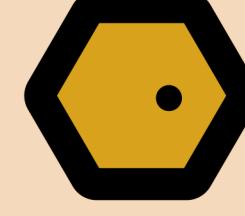
AI (Artificial Intelligence) is adding value in automation testing, revolutionizing the way testing is performed and providing several benefits to software development and quality assurance.



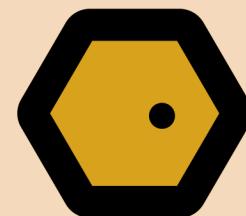
**TEST CASE  
GENERATION**



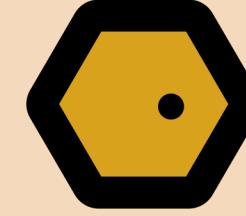
**INTELLIGENT  
TEST SCRIPTING**



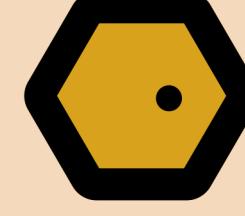
**SELF HEALING  
TESTS**



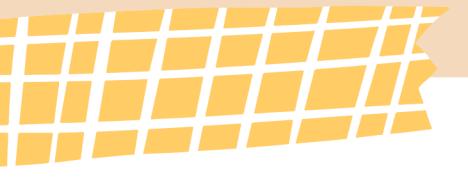
**TEST DATA  
MANAGEMENT**



**PREDICTIVE  
ANALYSIS**



**DEFECT  
PREDICTION**



“

**See you in Next Video**

