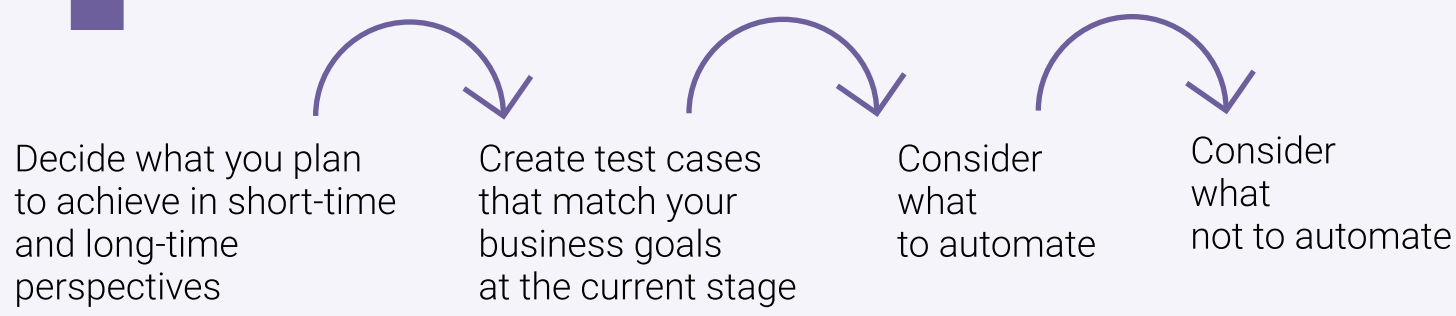


# 7 STEPS TO CREATING AN EFFECTIVE TEST AUTOMATION STRATEGY

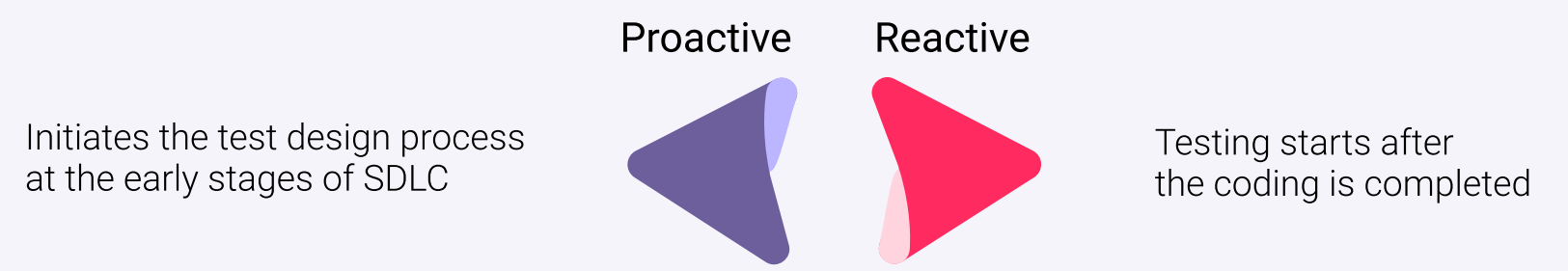
## 1 CHOOSING WHAT TO AUTOMATE



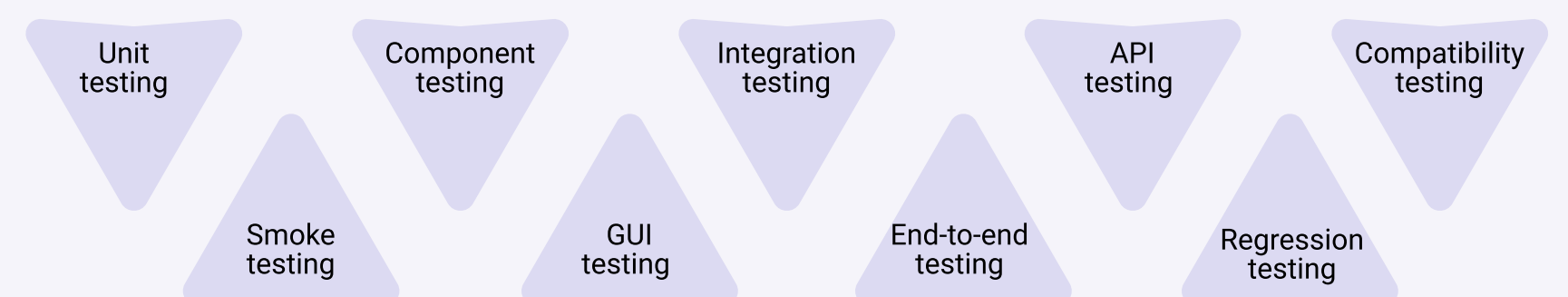
### A perfect test case to automate

- ✓ Time-consuming if done manually
- ✓ Involves large data sets
- ✓ Covers stable software components
- ✓ Mundane and doesn't require creativity
- ✓ Requires the checkup in multiple systems (browsers, OS, hardware, etc.)
- ✓ With clear pass/fail results
- ✓ Highly-repetitive

## 2 DECIDING UPON A TEST APPROACH



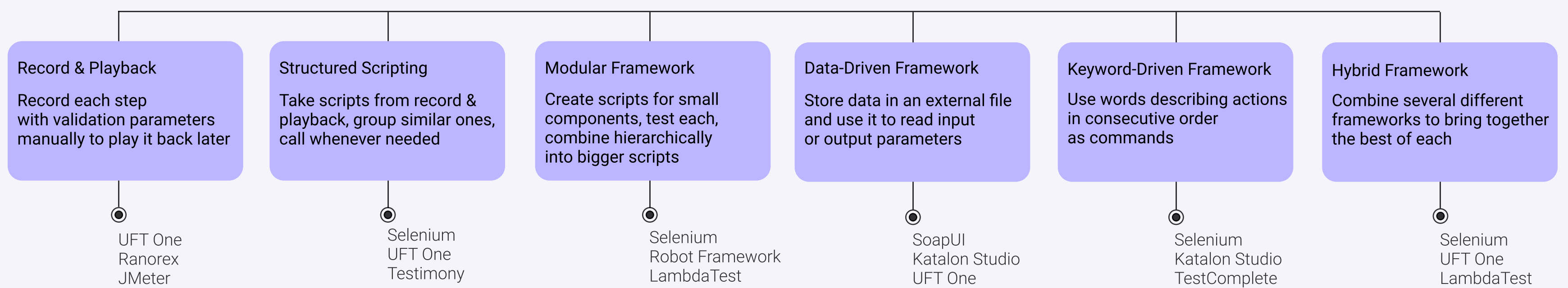
### Types of testing to automate



## 3 SELECTING AN AUTOMATION FRAMEWORK

Choose a framework that will allow creating scripts with higher re-usage, easier portability, and reduced maintenance cost

### Types of Test Automation Frameworks

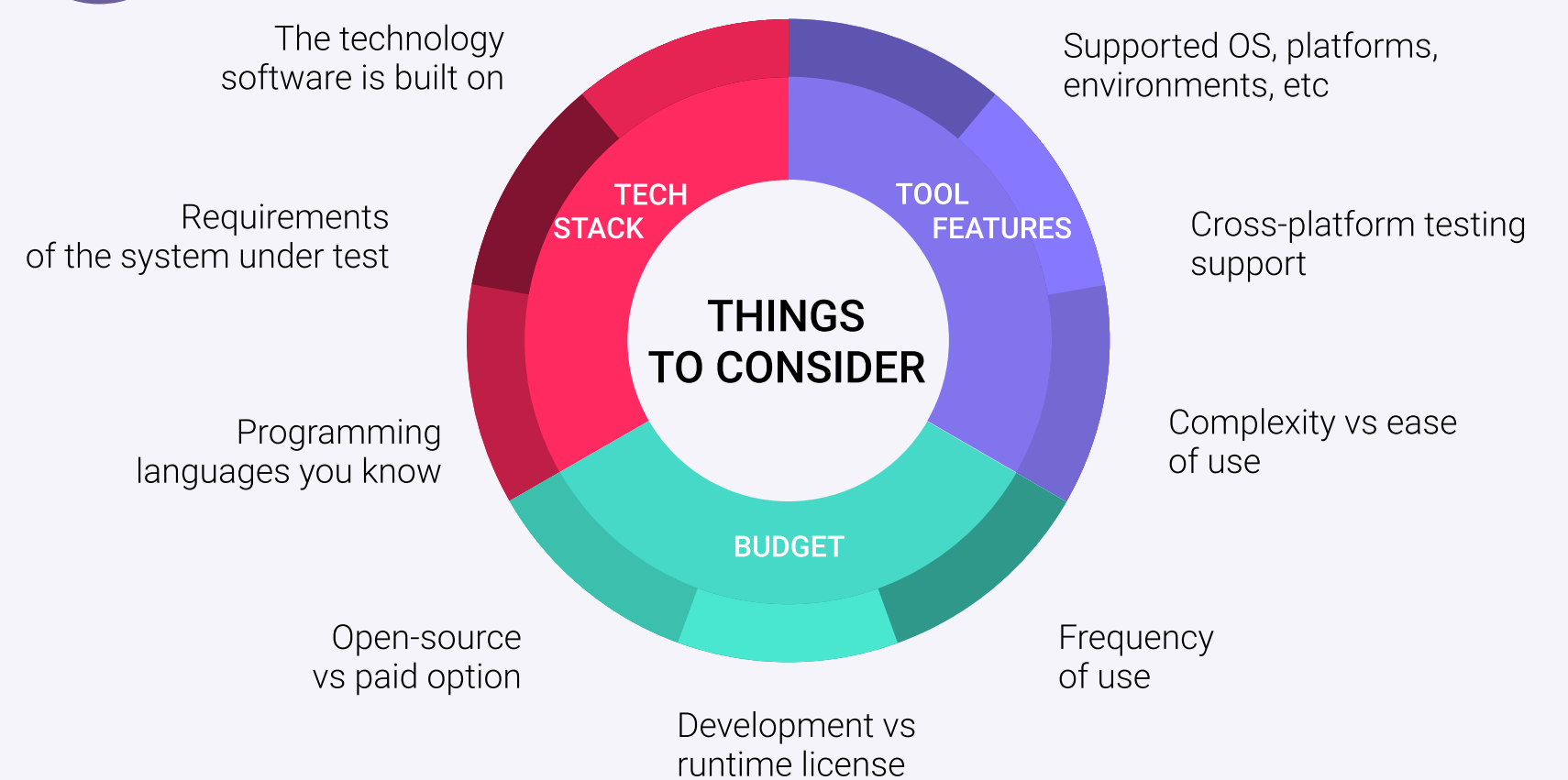


## 4 ASSIGNING DEDICATED RESOURCES

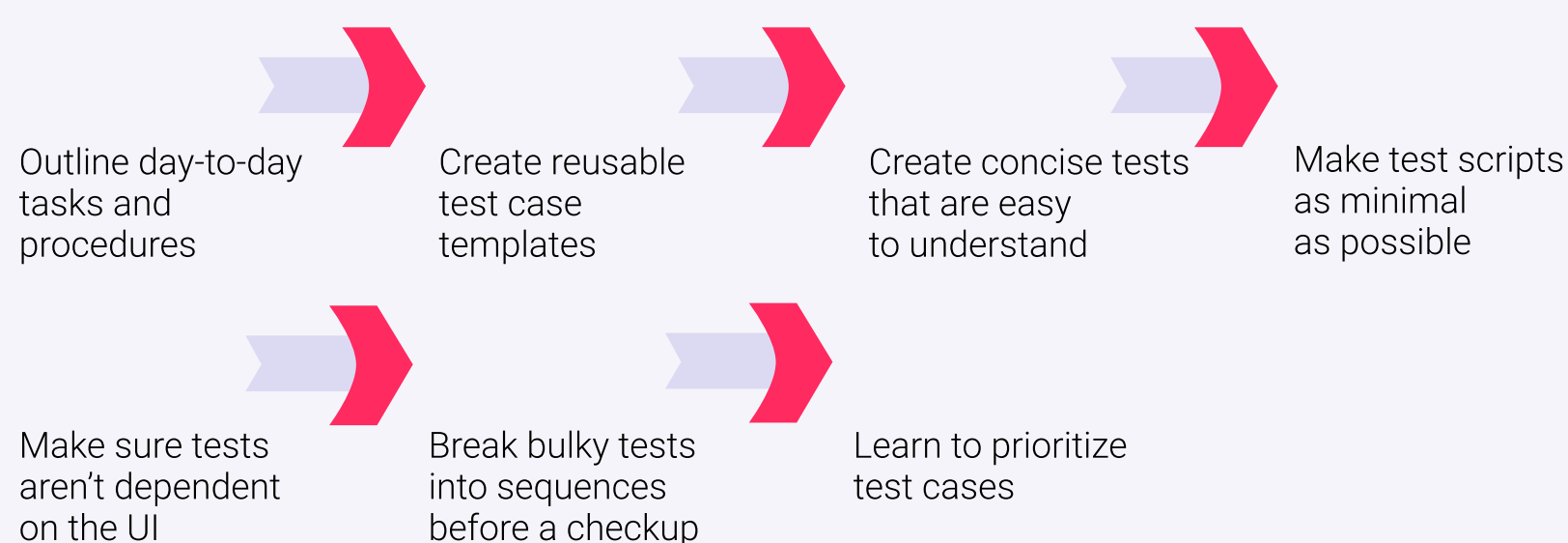
- ✗ Try not to make automation a part-time job of a manual QA engineer.
- ✓ Instead, find a specialist with experience in scripting or at least relevant knowledge to be responsible for this scope of tasks.



## 5 SELECTING TESTING TOOLS



## 6 DESIGNING AND RUNNING TESTS



## 7 KEEPING THE SCRIPTS IN ORDER

