

# **DATA-DRIVEN TEST AUTOMATION WITH SELENIUM WEBDRIVER**



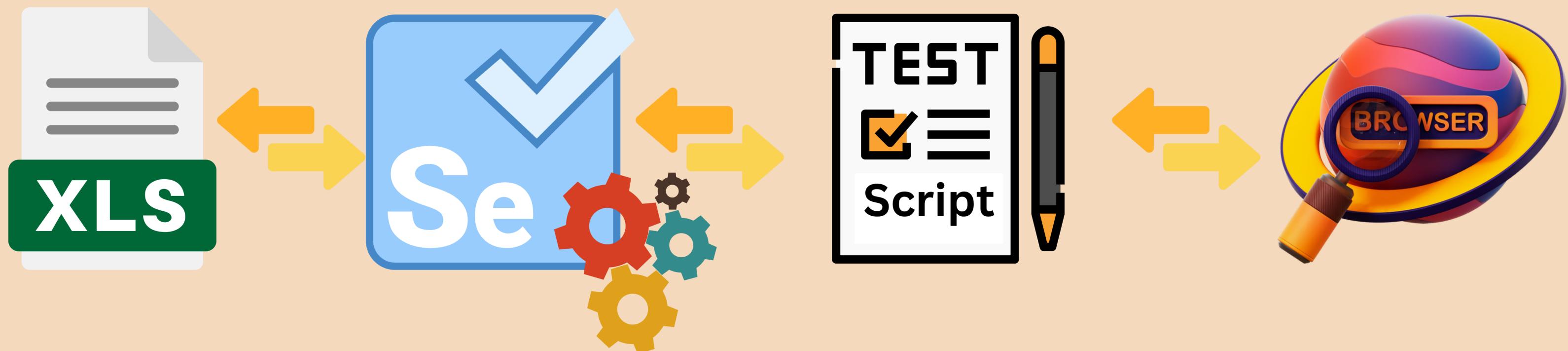
# WHAT TO EXPECT



- 1 Architecture
- 2 Key Benefits
- 3 Code Along

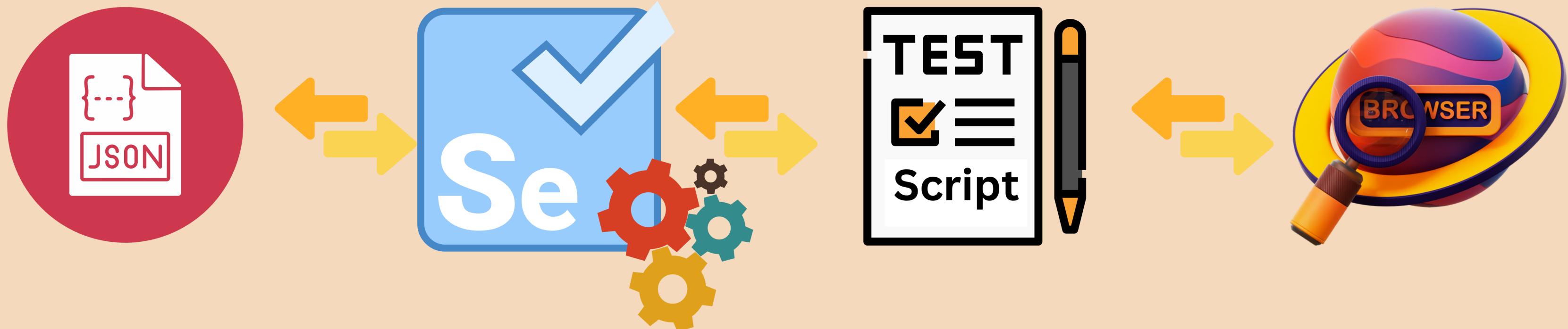
# Key Components:

1. **Data Source**: External datasets, databases, or files.
2. **Selenium WebDriver**: Central automation engine connecting with the data source.
3. **Test Scripts**: Modular scripts designed to accommodate dynamic data inputs.



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# Key Benefits:

- 1. Efficiency Gains:** Streamlining repetitive tasks through automated data iterations.
- 2. Scalability:** Adapting easily to varying test scenarios and datasets.
- 3. Accuracy:** Ensuring precision by eliminating manual errors in test inputs.
- 4. Maintenance Ease:** Centralized script maintenance for enhanced manageability.
- 5. Comprehensive Test Coverage:** Increased coverage with diverse data inputs.



# **Code Along**



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**See you in Next Video**

