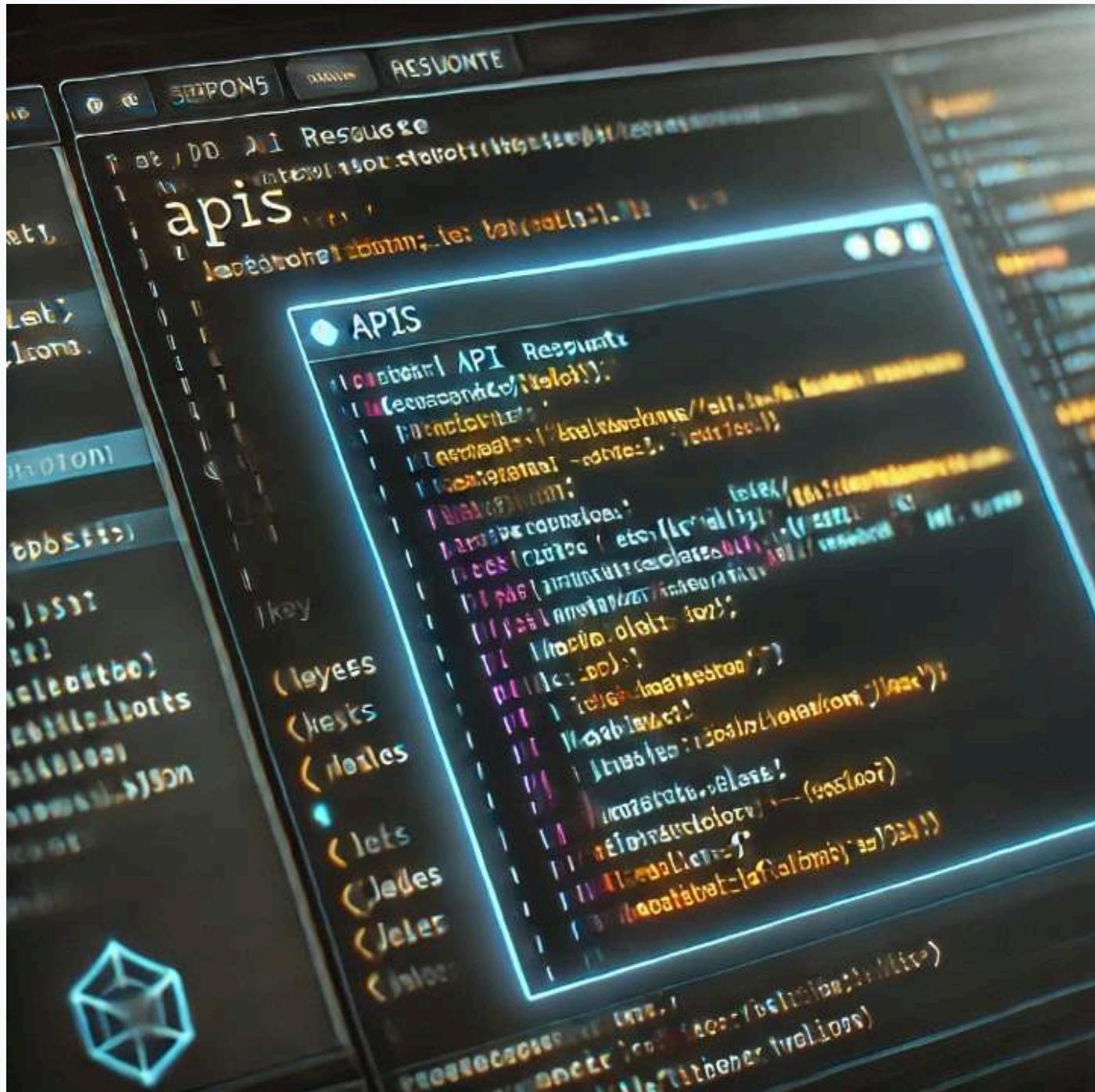


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### API Testing

API Testing is a set of quality assurance actions that include sending calls to the API, getting output, and validating the system's response against the defined input parameters, in particular,

**Data Accuracy:** Ensure the data returned by the API is accurate and meets the expected results and requirements

**Input Validation:** Test a variety of inputs—valid, invalid, required, not required, edge cases, empty, or missing fields—and confirm proper error handling.

**HTTP Status Codes:** Validate that the API returns the appropriate status codes for different scenarios.

**Authentication/Authorization:** Ensure proper validation of tokens, API keys, or credentials, and verify that unauthorized requests are handled securely.

**Error Handling:** Check that error messages and codes are clear and informative for invalid requests.

**Non-functional Testing:** This includes performance testing, security testing, and other checks to ensure the API's robustness under different conditions.

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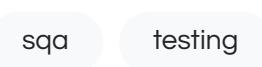
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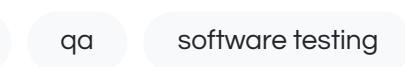
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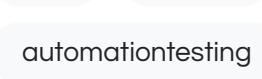

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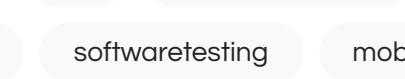

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