

# Module 03: AI Analysis and Security

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# Objectives

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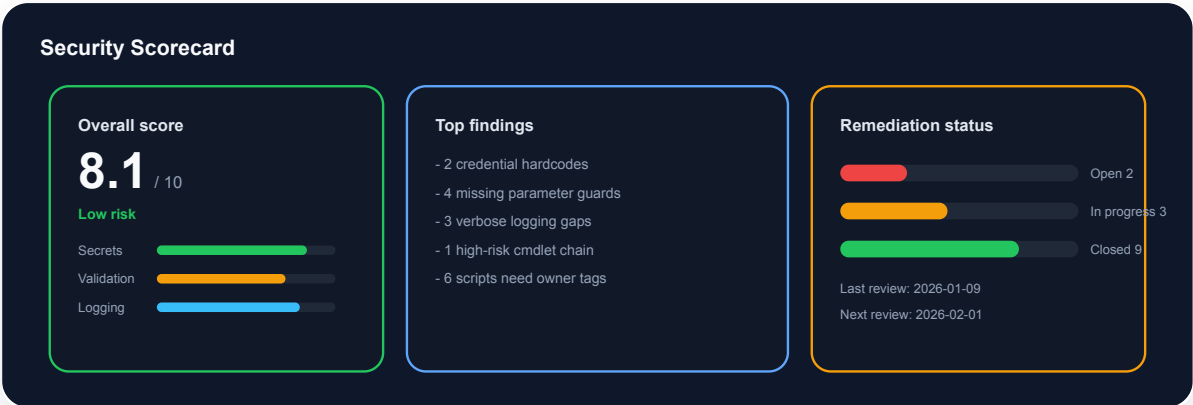
- Run an AI analysis on a script
- Interpret security and quality scores
- Track recommended improvements

# Walkthrough

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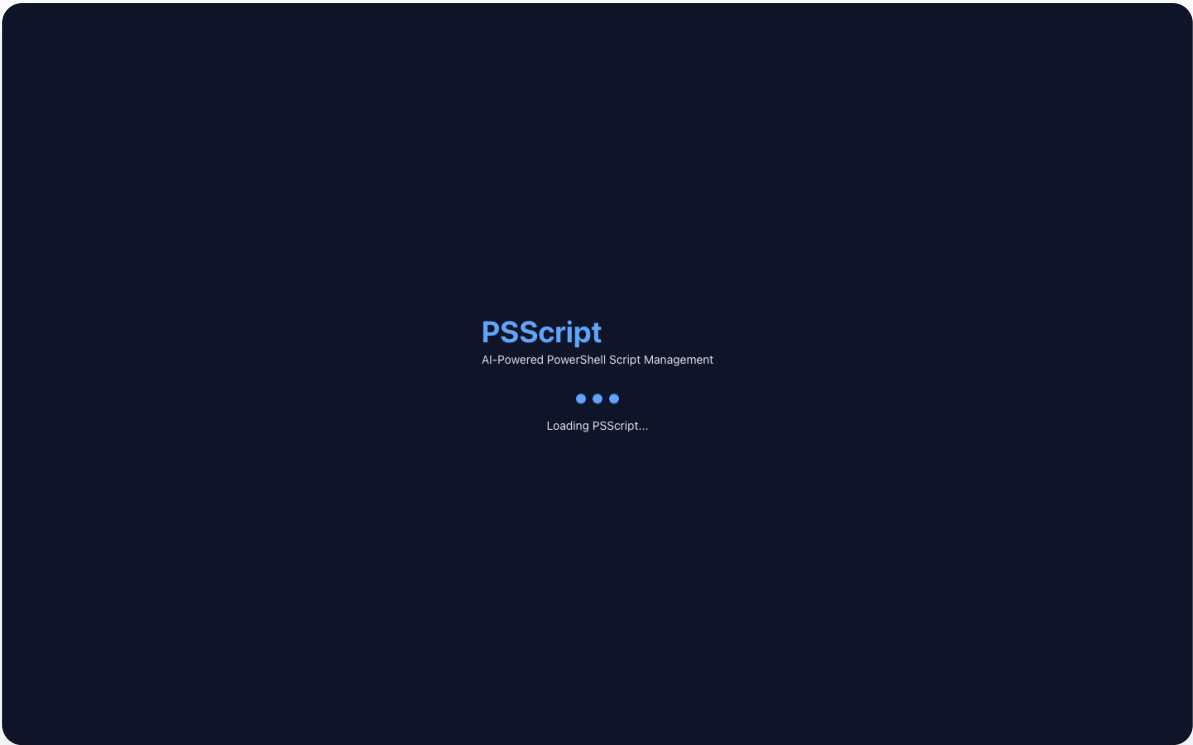
1. Open a script detail page.
2. Trigger analysis or open the analysis tab.
3. Review security findings and recommendations.
4. Capture a remediation note for the top issue.

# Scorecard snapshot



# Screenshots

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# Score interpretation

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Band	Meaning	Action
9.0 - 10	Low risk	Approve and monitor
7.0 - 8.9	Moderate risk	Plan fixes and re-run analysis
< 7.0	High risk	Remediate before execution

## Sample analysis output

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```
{
  "security_score": 7.8,
  "quality_score": 8.3,
  "issues": [
    "Hardcoded credential found on line 42",
    "Missing input validation for parameters"
  ],
  "recommendations": [
    "Use Get-Credential or SecretStore",
    "Add ValidateSet or ValidatePattern"
  ]
}
```

## What to look for

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- Hardcoded credentials or unsafe commands
- Missing parameter validation
- Error handling and logging gaps



# Verification checklist

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- Analysis results display successfully
- At least one recommendation is recorded for follow up

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