

Module 03: AI Analysis and Security

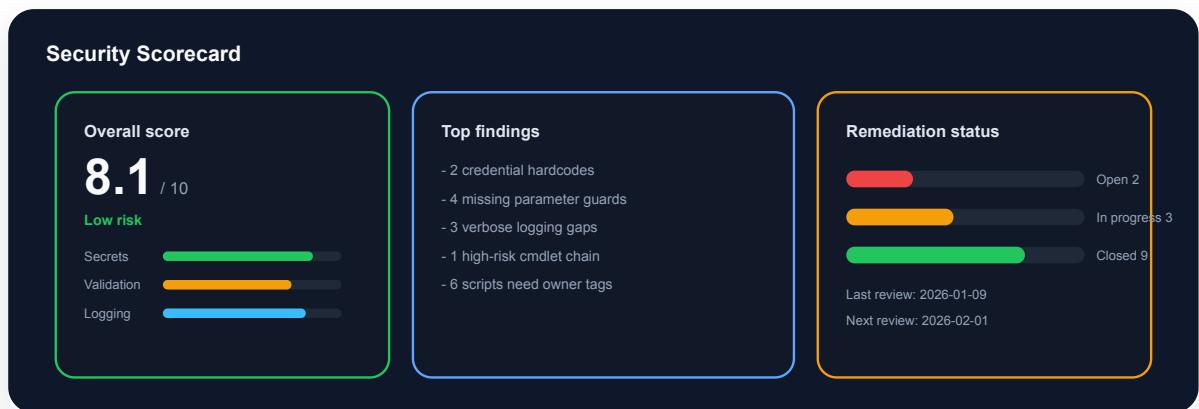
Objectives

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

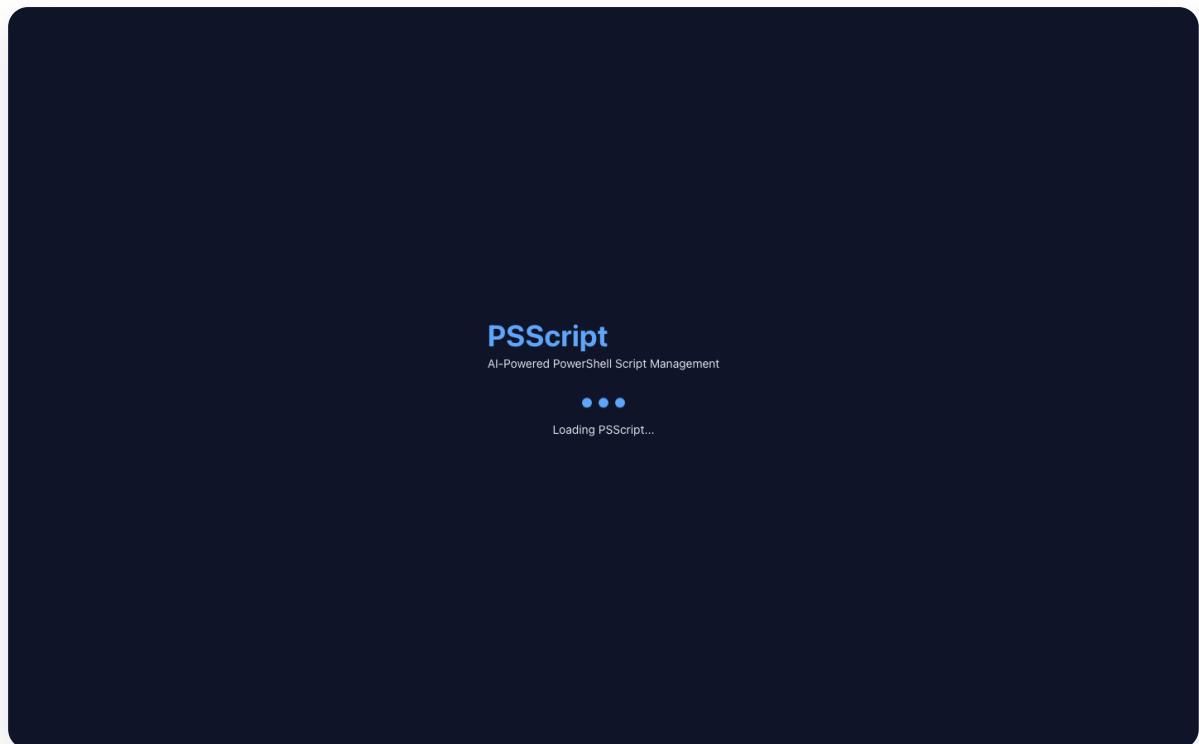
Walkthrough

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



Score interpretation

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

```
{  
  "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

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

Verification checklist

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

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