

PRISM D1 Velocity Assessment

AI-Assisted Development Lifecycle Maturity Report

Customer	Arcline Health	Team Size	14 engineers
Funding Stage	Series B	Assessment Date	2026-04-08
Solutions Architect	Priya Chakraborty	Repository	github.com/arcline-health/care-platform

Executive Summary



PRISM D1 Level 2.5

Structured — AI tooling adopted, early measurement

Ready For Pilot

Arcline Health is a Series B startup with 14 engineers, currently assessed at **PRISM D1 Level 2.5** (Structured). The automated scanner scored 48/100 and the SA interview scored 54/100, with an org readiness score of 20/20, producing a blended score of 60.8. The assessment verdict is **Ready For Pilot**, routing Arcline Health to **Track B: Full Workshop**.

48

/ 100

Scanner Score (40%)

54

/ 100

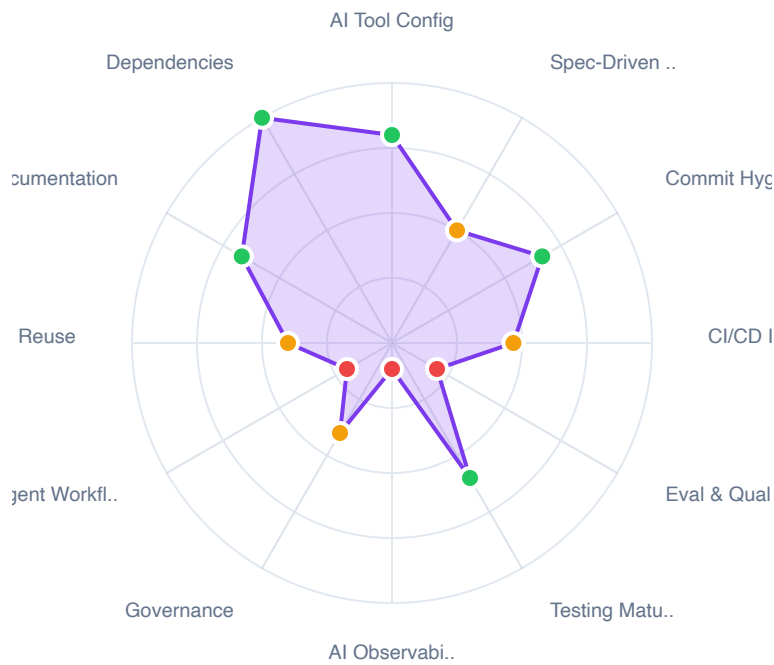
Interview Score (40%)

20

/ 20

Org Readiness (20%)

Scanner Category Breakdown



CATEGORY	SCORE	PROGRESS	STATUS
AI Tool Config	8 / 10		80%
Spec-Driven Dev	5 / 10		50%
Commit Hygiene	10 / 15		66%
CI/CD Integration	7 / 15		46%
Eval & Quality	2 / 10		20%
Testing Maturity	6 / 10		60%
AI Observability	1 / 10		10%
Governance	2 / 5		40%
Agent Workflows	1 / 5		20%
Platform Reuse	2 / 5		40%

CATEGORY	SCORE	PROGRESS	STATUS
Documentation	2 / 3		66%
Dependencies	2 / 2		100%

Interview Assessment

SECTION	SCORE	STATUS
AI Tooling Landscape - Claude Code deployed via Bedrock across all 3 squads - CLAUDE.md exists but is inconsistent across repos (2 of 5 repos have it) - Kiro IDE adopted by 8 of 14 developers - Standardized on Claude 3.5 Sonnet for code generation	11 / 15	73%
Development Workflow & Specs - Feature specs used informally by senior engineers but not mandated - No bug fix or refactor spec templates in use - PRD-to-spec mapping attempted but not systematic - Team lead has drafted a spec template but it is not adopted yet	10 / 20	50%
CI/CD & Quality - GitHub Actions with lint, test, and build steps - No eval gates -- all PRs go through human review only - Test coverage at 68%, above average for the stage - HIPAA compliance checks in CI are manual	10 / 20	50%
Metrics & Visibility - Basic GitHub Insights used for commit activity - No AI-specific metrics (acceptance rate, cost, token usage) - Engineering manager tracks velocity in Jira but not AI contribution - No executive dashboard or readout process	4 / 15	26%
Governance & Security - HIPAA-aware: team avoids sending PHI to AI tools - No formal AI governance policy documented - Data handling guidelines exist for prod but not for AI tools - Security team has reviewed Bedrock data residency	7 / 15	46%
Org & Culture - VP Engineering is the executive sponsor, actively engaged - Dedicated AI champion (senior engineer) driving adoption - All 3 squads have at least one AI-enthusiastic member - Team ran an internal AI hackathon last quarter	12 / 15	80%

Organizational Readiness

- ✓ Executive Sponsor Identified
- ✓ Dedicated AI Champion
- ✓ Team Willingness
- ✓ Budget Approved
- ✓ Timeline Commitment

Org readiness score: **20/20**

Top Strengths

1. **Dependencies:** 2/2 (100%)
2. **AI Tool Config:** 8/10 (80%)
3. **Commit Hygiene:** 10/15 (66%)

Gap Analysis & Remediation

Priority	Category	Score	Recommended Action
#1	AI Observability (scanner)	1/10 (10%)	Deploy the EventBridge-Timestream metrics pipeline. Enable token tracking, cost attribution, and latency monitoring.
#2	Eval & Quality (scanner)	2/10 (20%)	Define quality rubrics for AI-generated code. Implement automated scoring. Establish minimum acceptance thresholds.
#3	Agent Workflows (scanner)	1/5 (20%)	Identify first candidate for multi-step agent workflow. Start with low-risk automation. Document the workflow pattern.

Onboarding Recommendation

Track B: Full Workshop

Workshop Modules

	ID	MODULE	RATIONALE
✓	M00	Environment Setup	Verify and upgrade existing setup
✓	M01	CLAUDE.md & Standards	Align existing config to PRISM standards
✓	M02	Spec-Driven Development	Formalize and standardize spec workflows
✓	M03	CI/CD & Eval Gates	Instrument pipeline with eval gates
✓	M04	Metrics & Dashboards	Deploy Timestream + QuickSight dashboards
✓	M05	Governance & Scaling	Establish governance model for scaling

Success Metrics

METRIC	TARGET	MEASURE BY
AI acceptance rate	30%+	Week 4 checkpoint
Eval gate active in CI	At least 1 pipeline	Week 2 of pilot
Weekly executive readout	Active and reviewed	Week 3 of pilot
PRISM D1 level improvement	+0.5 levels	Week 8 of pilot
Dashboard data freshness	Within 1 hour	Week 2 of pilot

90-Day Roadmap

Timeline	Milestone	Measurable Outcome
Week 1	Bootstrapper fully deployed	All components live, first metrics flowing
Week 2	Eval gate in CI, dashboards active	PR pipeline includes eval step, QuickSight live
Week 4	Midpoint checkpoint passed	AI acceptance rate 30%+, exec readout active
Week 6	Governance model documented	Policy document published to team wiki
Week 8	Pilot readout delivered	L3.0+ achieved, Track C eligible
Week 12	90-day sustained adoption	Metrics stable, no regression below L2.5

SA Engagement Cadence

Week	Type	Duration	Agenda
Week -1	Pre-work kick-off call	30 min	Review pre-work checklist, confirm AWS access, workshop logistics
Week 0	Workshop delivery	4 hr	Deliver all 6 modules, hands-on exercises, bootstrapper deployment
Week 1	Video call	45 min	Verify bootstrapper deployment, review first metrics, troubleshoot
Week 2	Async check-in	15 min (Slack)	Review dashboard data quality, flag any pipeline issues
Week 4	Checkpoint call	1 hr	Midpoint review, acceptance rate check, adjust pilot targets
Week 6	Async check-in	15 min (Slack)	Review progress toward 8-week goals, flag risks
Week 8	Pilot readout call	1 hr	Final pilot metrics, L3 readiness determination, next steps

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