Home Depot TIV Report

Score: 36.2% (163/450)
Category: Technology Laggard
Assessment Date: 2025-09-01

Section Summary

Section	TIV Score	Category
Part 1: Business & Strategy	26.7%	Technology Laggard
Part 2: Apps & Data	44%	Technology Follower
Part 3: Infrastructure	38%	Technology Laggard
Total TIV Score	36.2%	Technology Laggard

Business & Strategy Analysis

Assessment of business strategy and technology leadership reveals organizational commitment to digital capabilities development through executive structure, strategic initiatives, and technology talent acquisition.

- Management structure lacks dedicated CDO and CTO roles
- Technology investments support business objectives, particularly in enhancing customer experience and operational efficiency
- No evidence of recent hiring activity for data and tech roles
- No redundancies in tech/data roles reported
- Mixed reviews on platforms like Glassdoor indicate some positive sentiment among tech employees

Applications & Data Analysis

Technical platform evaluation demonstrates digital architecture maturity, data management sophistication, and customer experience optimization capabilities.

- Home Depot uses modern frameworks like React for its website
- Evidence of modern REST APIs used in the architecture
- Basic rules-based personalization is implemented
- Home Depot uses Google Analytics for tracking
- Some marketing tools are integrated, but not comprehensive

Infrastructure Analysis

Infrastructure assessment shows cloud strategy implementation, security posture, and operational scalability aligned with modern technology practices.

- Home Depot primarily uses AWS for cloud services
- Some modern data tools are used, but not a comprehensive stack
- Evidence of Kubernetes usage for orchestration
- Some automation in CI/CD processes, but not fully automated
- Modern TLS and encryption-at-rest practices are in place

Evidence Gaps & Assumptions

Areas with insufficient evidence:

- Hiring volume and variety for data and tech roles
- Use of AI cloud providers
- Deployment cadence
- AI security measures
- Incident response practices

Recommendations

Key improvement areas based on gaps identified:

1. Establish dedicated CDO and CTO roles to drive technology strategy
2. Increase hiring activity for data and tech roles
3. Partner with AI cloud providers to leverage AI capabilities
4. Implement continuous deployment practices
5. Develop AI security measures and incident response practices

Overall Assessment

Home Depot demonstrates a basic commitment to technology through its CIO role and cloud partnerships. The company shows some strengths in using modern frameworks and APIs but has opportunities to improve in tech leadership, hiring, and AI capabilities.

Evidence Sources

Leadership & Management:

- Home Depot Executive Team Page: [Home Depot](https://www.homedepot.com)

Technical & Performance:

- BuiltWith Technology Analysis: [BuiltWith](https://builtwith.com)
- PageSpeed Insights: [PageSpeed Insights](https://developers.google.com/speed/pagespeed/insights/)
- AWS Case Studies: [AWS](https://aws.amazon.com/solutions/case-studies/)

Financial & Investment:

- Glassdoor Employee Reviews: [Glassdoor](https://www.glassdoor.com)