Walmart TIV Report

Score: 55.11% (248/450)
Category: Technology Follower
Assessment Date: 2025-09-01

Section Summary

Section	TIV Score	Category
Part 1: Business & Strategy	26.67%	Technology Laggard
Part 2: Apps & Data	68.67%	Technology Adopter
Part 3: Infrastructure	70%	Technology Adopter
Total TIV Score	55.11%	Technology Follower

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 but lack specific multi-year roadmaps
- No evidence of recent hiring activity for data and tech roles
- No redundancies in tech/data roles reported
- Mixed employee reviews with concerns about data literacy and AI culture

Applications & Data Analysis

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

- Use of modern frameworks like React and AWS for cloud services
- Regular mobile app updates and average user satisfaction
- AI-driven recommendations and enterprise-level analytics tools employed
- Some minor errors reported in code quality assessments
- Comprehensive ad and marketing ecosystem in place

Infrastructure Analysis

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

- Primary partnership with AWS for cloud services
- Use of modern data stack including tools like Snowflake
- Fully automated CI/CD pipelines and continuous deployment practices
- Advanced data quality and observability tools in use
- Compliance with GDPR and other regulations

Evidence Gaps & Assumptions

Areas with insufficient evidence:

- Hiring volume and variety of roles for data and tech
- Presence of a dedicated Head of AI
- Employee training or upskilling programs
- Active engineering blogs or community contributions

Recommendations

Key improvement areas based on gaps identified:

1. Appoint dedicated CDO and CTO roles to drive technology strategy
2. Increase transparency in technology hiring and talent acquisition
3. Implement employee training programs to improve data literacy
4. Enhance AI ethics policies and governance tools
5. Increase community engagement through engineering blogs and contributions

Overall Assessment

Walmart demonstrates a mixed approach to technology infrastructure. The company shows strengths in its applications and infrastructure but has opportunities to improve its business and strategy, particularly in leadership roles and talent acquisition.

Evidence Sources

Leadership & Management:

- Walmart Executive Team Page: https://corporate.walmart.com/our-story/leadership

Financial & Investment:

• Walmart Annual Reports and Investor Presentations

Technical & Performance:

• PageSpeed Insights: https://developers.google.com/speed/pagespeed/insights/

• Job postings and hiring announcements from LinkedIn and Indeed.