

Vester.AI Data Analysis Report

Executive Summary

This analysis examines startups that applied for funding, highlighting revenue patterns across industries and funding stages. CleanTech and EdTech startups lead in median revenue, while Series B companies outperform other stages. Funding requests moderately correlate with current revenue, providing insights for investor prioritization. These findings can help investors identify promising startups, allocate resources effectively, and focus on industries and stages with the highest potential for returns.

Key Insights & Why They Matter

Top Revenue-Generating Industries:

- CleanTech: \$850,000 median revenue
- EdTech: \$750,000 median revenue
- E-commerce: \$700,000 median revenue

Why it matters: Investors can focus on sectors that consistently generate higher returns and reduce risk exposure.

Median Revenue by Funding Stage:

- Series B: \$650,000
- Pre-Seed: \$400,000
- Bootstrapped: \$350,000
- Series A: \$350,000
- Seed: \$45,000

Why it matters: Later-stage startups show higher median revenue. Funding at the right stage improves expected ROI and reduces the risk of early-stage failures.

Funding Requested vs Current Annual Revenue:

The analysis of funding requests in relation to current annual revenue reveals a moderate correlation, suggesting that while startups often request capital roughly proportional to their existing revenue, there is significant variability across the dataset. Some startups request more funding than their current revenue would justify, which may indicate aggressive growth ambitions or an overestimation of capital needs. Conversely, other startups request less funding relative to their revenue, potentially signaling underestimation of growth requirements or a more conservative approach to scaling.

- Moderate correlation between requested funding and revenue
 - Some startups overestimate or underestimate their funding needs
- why it matters:** Investors must carefully evaluate funding requests to ensure capital is allocated efficiently.

By analyzing funding relative to current revenue, they can reduce financial risk, optimize resource allocation, and improve ROI predictions. Startups with balanced funding requests often indicate better financial planning and operational readiness, helping investors prioritize high-potential companies for sustainable growth.

Visualizations

Figure 1: Median Revenue by Industry

This chart shows which industries generate the highest median revenue among applicants. CleanTech, EdTech, and E-commerce dominate, signaling high-return opportunities for investors.

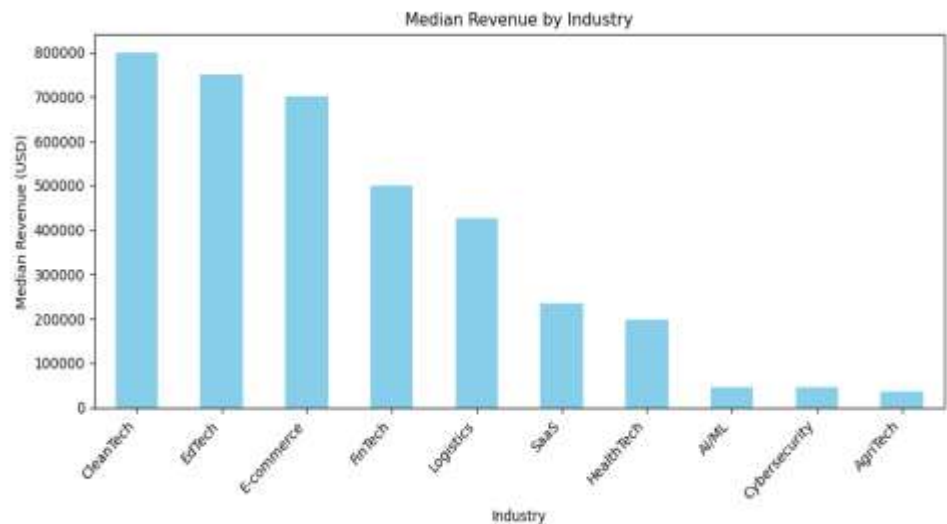


Figure 2: Median Revenue by Funding Stage

This chart highlights revenue performance across funding stages. Series B startups outperform other stages, indicating that later-stage investments may yield higher returns.

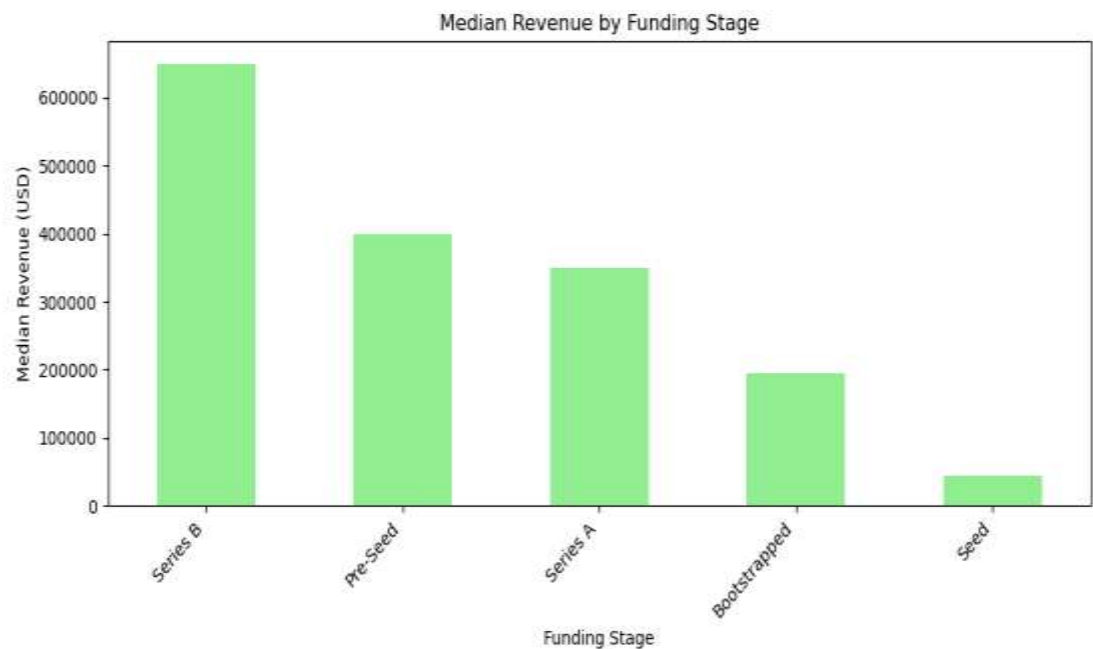
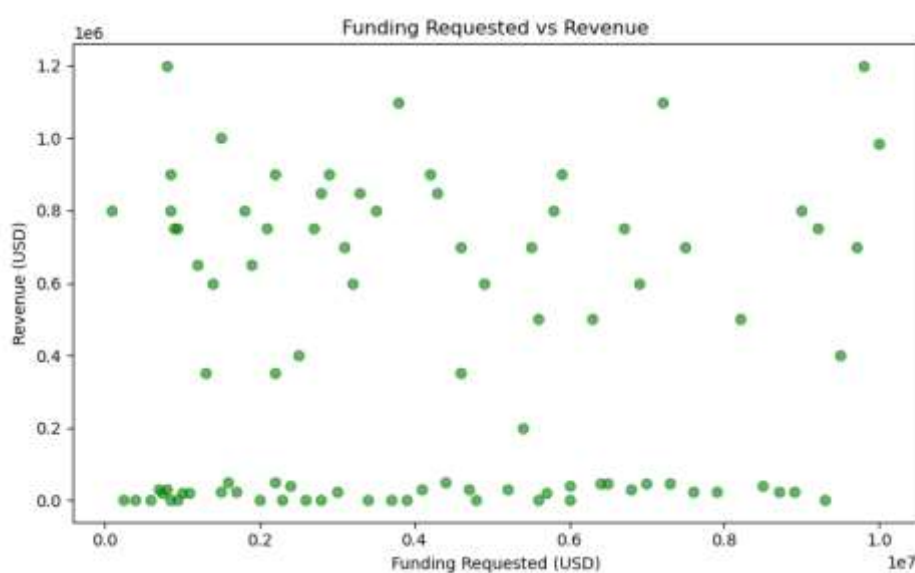


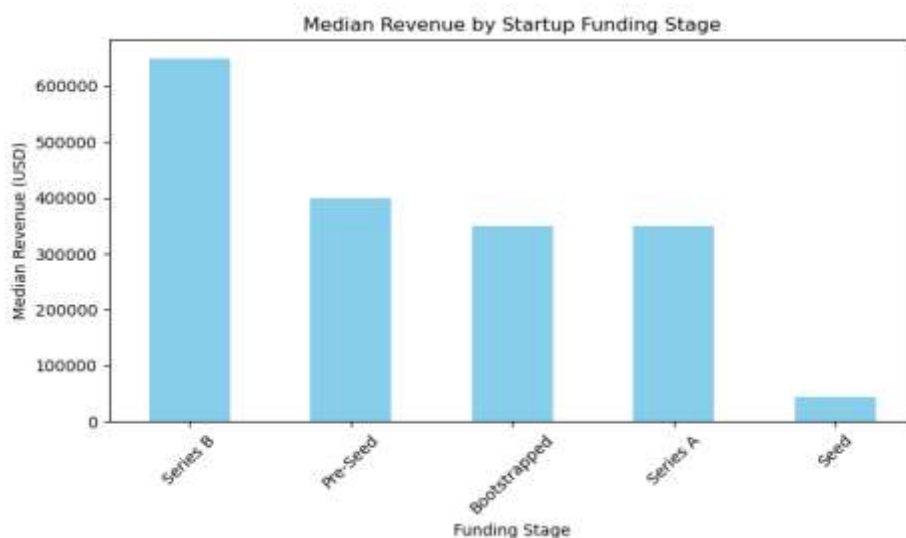
Figure 3: Funding Requested vs Current Annual Revenue

This scatter plot illustrates the relationship between requested funding and actual revenue. While there is some correlation, variations suggest careful evaluation is needed to avoid over- or under-funding.



Median Revenue by Startup Funding Stage

The analysis of median revenue across different startup funding stages reveals significant insights for investors. Series B startups lead the group with a median revenue of **\$650,000**, indicating that companies at this stage have typically achieved higher traction, stronger customer adoption, and more established business models. Pre-Seed and Bootstrapped startups follow with median revenues of **\$400,000** and **\$350,000**, respectively, suggesting that some early-stage startups are already generating substantial revenue, though variability is high.



Why this matters:

- Later-stage startups, especially Series B, tend to deliver more predictable returns with lower investment risk.
- Early-stage startups (Seed, Pre-Seed, Bootstrapped) carry higher risk but offer greater growth potential.
- Evaluating funding stages helps investors balance risk and reward.
- Insights enable tailoring investments to align with risk appetite and ROI goal