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New tech industry data: AI-enabled apps, developers at startups vs established companies and how dev teams work

21% of developers add AI functionality to their apps
73% of prof. developers say their teams explore new technologies
Startups are leading Web3 adoption

MANCHESTER, UNITED KINGDOM, December 4, 2024 /EINPresswire.com/ -- Now available: The second addition to the 6-report State of the Developer Nation series from SlashData. Everyone interested in technology and software development trends can access the 3 new industry reports that share key data on development teams, startups vs established companies, and AI functionality.

All are accessible through the SlashData Research Space and are free to access, view, and download.

Share of developers who believe their team explores innovative approaches by the type of development project they are involved in

Project type	%
Machine learning / AI	90%
Augmented Reality	88%
Consumer electronics devices	86%
Games	74%
Web apps / Software as a Service	73%
Backend Services	71%

Question wording: To what extent do you agree or disagree with the following statements about your team? I My team actively explores new technologies and innovative approaches.
% of professional developers working for organisations with at least two people involved in software development by development project type (n=3,785)

Share of developers who believe their team explores innovative approaches by the type of development project they are involved in

Following are some highlights from the second three reports and a selection of key data illustrations to complement your articles.
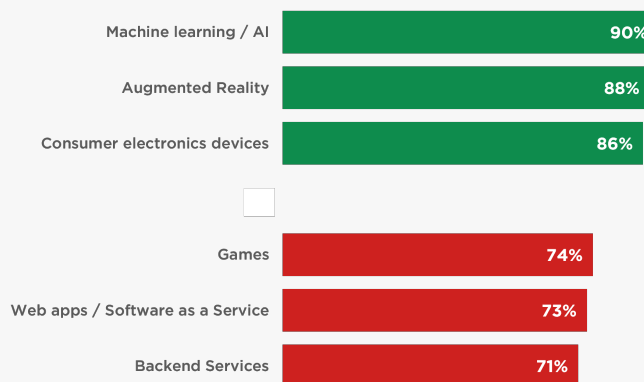
1. How developers build AI-enabled applications

Open and open-source AI models are the most popular choice amongst developers who add AI functionality to their applications.

2. Profiling of technology professionals working at startups

Technology professionals who work at startups are, on average, almost two years earlier in their

technology careers than those working at established

companies

3. What developers think about their teams

There is a gap in the perception of innovation and communication between management and non-management roles that could suggest potential team

misalignments.

Already published reports in the same series:
- The Rise of AI Chatbots For Problem Solving
- Network APIs: The New Oil In The 5G Economy
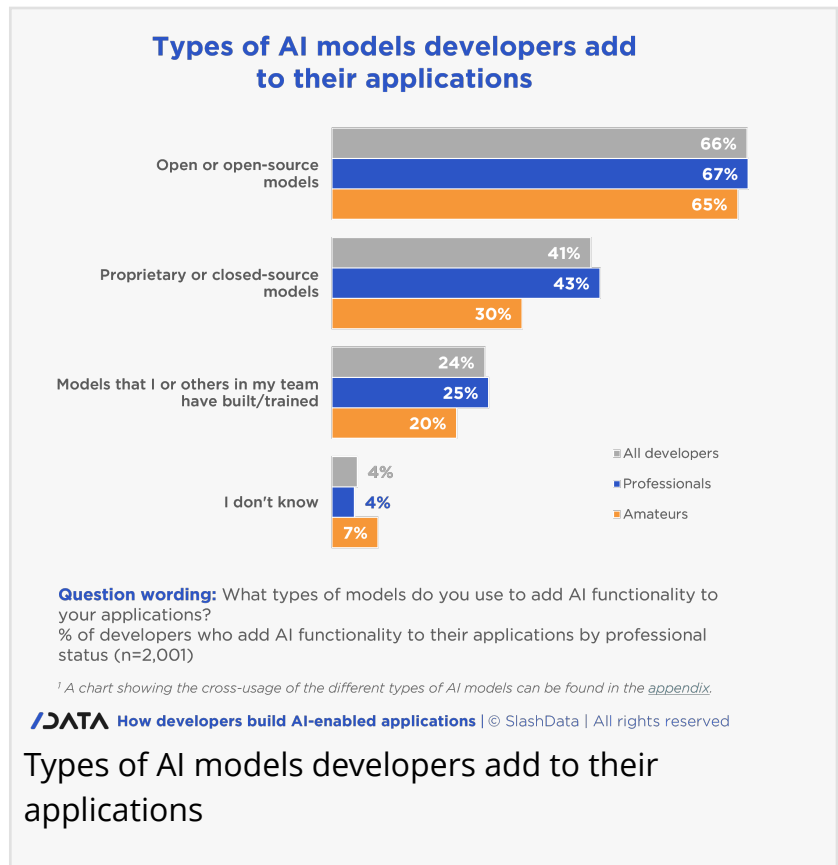- Programming Language communities

Types of AI models developers add to their applications

	All developers	Professionals	Amateurs
Open or open-source models	66%	67%	65%
Proprietary or closed-source models	41%	43%	30%
Models that I or others in my team have built/trained	24%	25%	20%
I don't know	4%	4%	7%

Question wording: What types of models do you use to add AI functionality to your applications?
% of developers who add AI functionality to their applications by professional status (n=2,001)

[1] A chart showing the cross-usage of the different types of AI models can be found in the appendix.

/>ATA **How developers build AI-enabled applications** | © SlashData | All rights reserved

Types of AI models developers add to their applications

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Open and open-source AI models are the most popular choice amongst developers who add AI functionality to their applications.”
SlashData State of the Developer Nation Reports

Journalists have unrestricted access to these findings through the SlashData Research Space.

For additional information, attributions or graphics requests, please contact stathis@slashdata.co

More industry analysis reports from SlashData:
- Multicluster Application Management and Batch/AI/ML Compute Technologies with CNCF
- The Maturity of Software Supply Chain Security Practices with Red Hat

About SlashData
SlashData is a market research company with more than 18 years of researching the technology space. SlashData delivers insights and data that help industry leaders optimise their business through data-backed strategic decision making. With SlashData's help they have the confidence and information they need to invest in the right audiences and markets, maximising ROI. SlashData's outstanding sample quality is what differentiates it from the competition. Data

quality is powered by a best-in class methodology and in-house proprietary survey technology, using Artificial Intelligence and Machine Learning to cleanse data sets before sharing them with the world.

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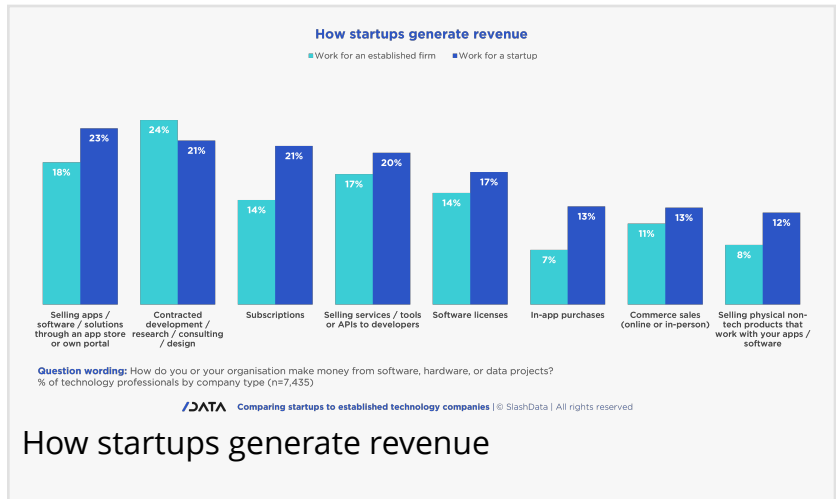email us here
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