

Financial Inclusion Landscape 2018 Companies Specialization

100 - Companies

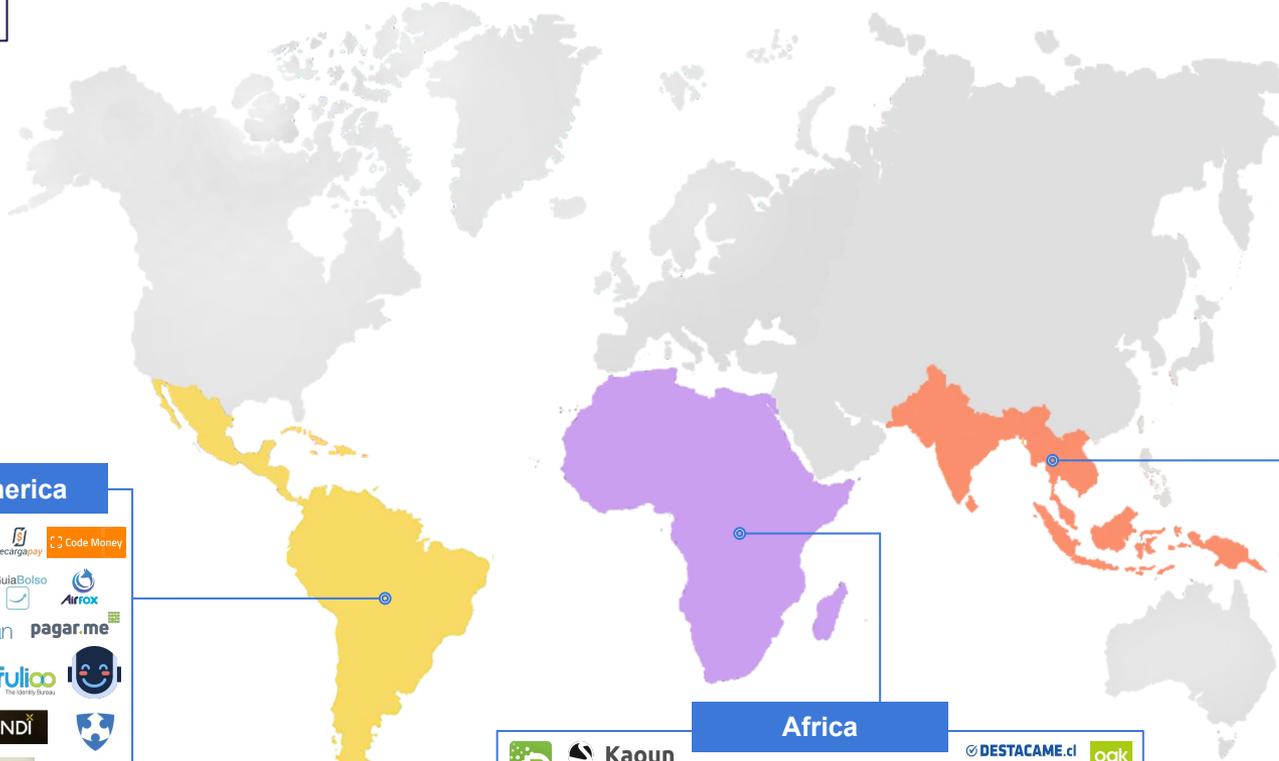
Loans

Payments

Savings

Insurance

The Geography of 100 Financial Inclusion Companies



Latin America



Logos of financial inclusion companies in Latin America, including: bigml, BAOBAB, recargapay, Code Money, Remitly, TALA, GuiaBolso, Airox, VeriTran, pagar.me, branch, billon, EbanQu, Truicoo, PUNDI, PayParty, EWALLY, KOKQU, We CashUp, nibo, Bradesco, Mensaje.net, kiakia, Abe AI, cignifi, and Tó Garantido.

Africa



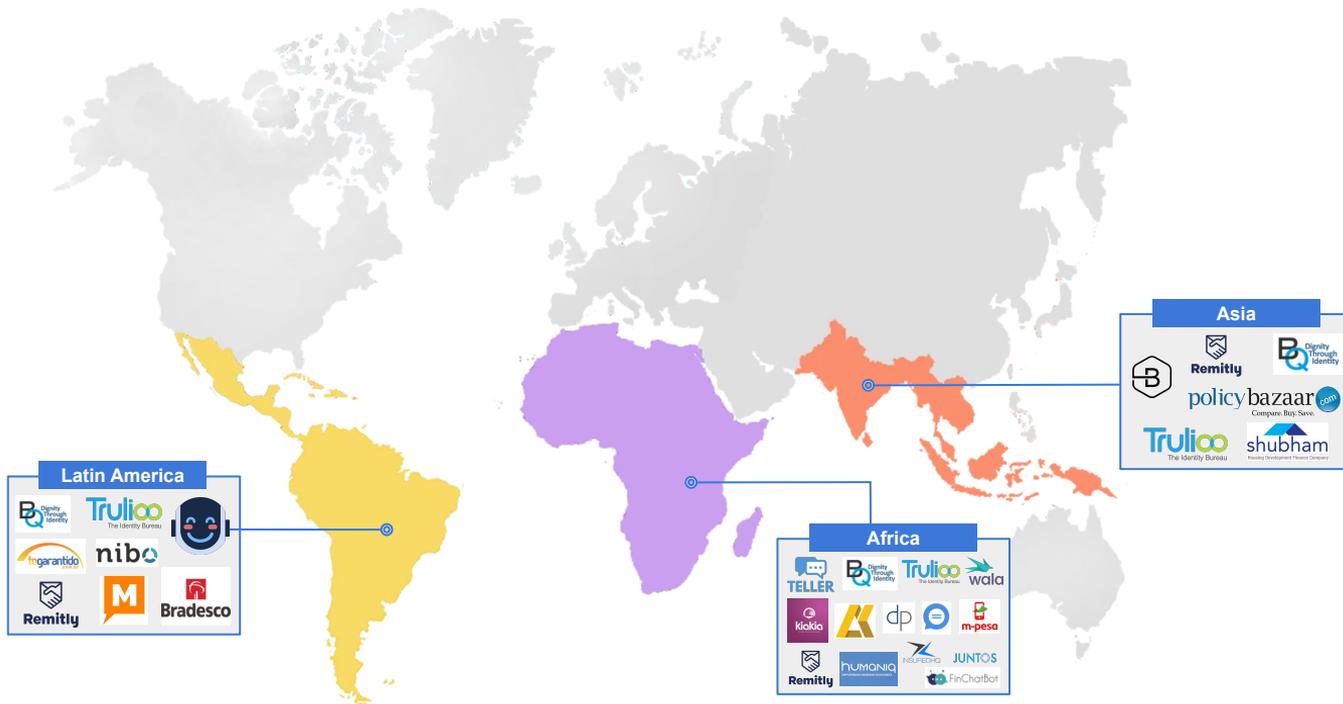
Logos of financial inclusion companies in Africa, including: Kaoun, Smile Identity, BN, BYTE MONEY, STELLAR, Hollard, bigml, dataprophet, DESTACAME.cl, oak am', Kudi, awamo, Harvesting, billon, EbanQu, TALA, Truicoo, AELLA CREDIT, INSUREHQ, WorldCover, HUMONIA, Lidyas, wala, comparo, Bitsoko, kiakia, Abe AI, absa, firstaccess, UbaPesa Limited, BAOBAB, branch, TELLER, FarmDrive, JUNTOS, Lulalend, AKIBA, Remitly, wallettec, m-pesa, and We CashUp.

Asia



Logos of financial inclusion companies in Asia, including: LaLo World, BQ, Remitly, CC-Avenue, MAMBU, oak am', firstaccess, ujabis, Harvesting, bigml, EzyRemit, Kredico, billon, kaleidofin, kreditech, policy bazaar, cignifi, Lenddo, TF, Arya, TALA, moneytor, CompareAsia Group, h, paylater, CREDITVIDYA, pezesha, CredoLab, shubham, We CashUp, GOJEK, SmartPesa, Micro ATM, bankbazaar.com, SmartCoin, LoanAdda, Omiseqo, trustingsocial, PUNDI, Truicoo, crediwatch, amartha, difin, JUSPAY, THIRD WATCH, DESTACAME.cl, matchmove, STELLAR, R, and LoanStreet.

ChatBots in Financial Inclusion Industry



Chatbots are being increasingly used by FinTech apps to overcome the illiteracy barrier that makes many segments of rural populations unable to interact with banks via text-based interfaces and statements. They are also being used to educate populations about their possibilities by being financially included in the economic life of their country. The use of chatbots can help improve user engagement with FinTech apps as well.

Some of the most predominant applications for chatbots in FinTech apps include customer service and general enquiries, customer onboarding and acquisition, translation, financial and product education, the provision of proactive alerts and notifications, and optimization of conversation flow.

One of the foremost obstacles faced by the use of chatbots in FinTech mobile apps is the issue of language. In order to deploy a chatbot in a specific developing region, it needs to speak the language of that region's population, which makes the quick adoption of a given chatbot in multiple developing regions a difficulty. Furthermore, developing regions also often have a multitude of distinct dialects and accents, which makes the creation of a one-size-fits-all chatbot for use in a given developing region like Africa or Asia difficult.

5 Core Technologies in FinTech

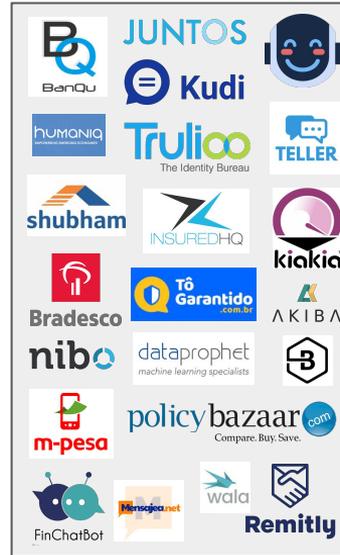
As discussed elsewhere in this report, the five core technologies enabling the accelerated development of the FinTech Industry landscape are AI (machine learning in particular), Data Analysis, Chatbots, Blockchain, Computer Vision/Bio-identification. Whether or not a FinTech company integrates these core technologies into their platforms, products and services, how many distinct categories they integrate and the depth with which they do so can be used to quantify their level of advancement. Below is a graphic overview of which companies utilize each of the core technology categories within their own operations, as well as their products and services.



Machine Learning



Data Analysis



ChatBots



Blockchain



Computer Vision
Bio Identification

FinTech Services (Artificial Intelligence as a Service)

B2B and B2C



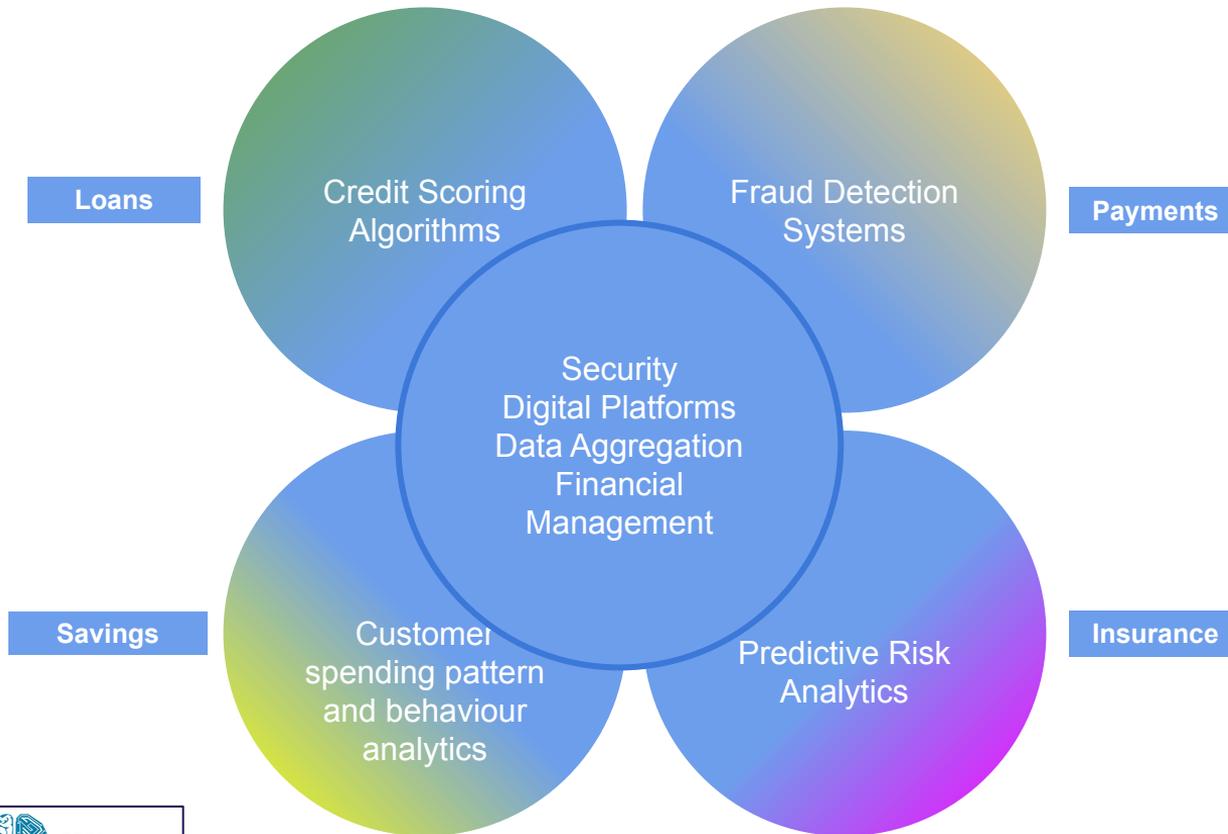
AI as a Service



AI as a Service is enabling more rapid technology and business development for FinTech companies operating in developing regions. The circle on the left shows those companies that develop their own AI technologies in-house, while the circle on the right shows those FinTech companies that in-source AI expertise and software from other companies, a trend that we can expect to see increase in the years to come. One of the foremost challenges facing FinTech companies that develop AI technologies internally is lack of access to proper infrastructures for education and training. Most developing countries do not prioritize teaching AI in universities, and as such entrepreneurs in developing countries have to attempt to build expertise in this area through internet-based resources. However, this bottleneck can be effectively leapfrogged by utilizing AI-as-a-Service to in-source the required expertise from companies operating in regions that do have infrastructures for AI education and training already established.



Common and Specific AI Applications in the Financial Inclusion Industry



This infographic visualizes the patterns between specific FinTech for financial inclusion use-cases, and the overlaps between various underlying data analysis and AI technologies that are commonly used for each particular use-case or application.

As can be seen, FinTech apps aiming to provide loans utilize credit scoring algorithms, while payment apps commonly utilize fraud detection systems, insurance apps utilize predictive risk analytics and savings apps utilize algorithms that classify and predict behaviour based on customer spending patterns.

Meanwhile, we can also see a suite of technologies that share common use for all four FinTech applications, which include security technologies, digital platforms, data aggregation and financial management algorithms.

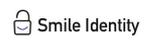
25 Leading Financial Inclusion Companies by Number of Customers (Companies with 10,000+ Users)

Insurance					
Loans					
Savings					
Payments					
	Machine Learning	Data Analysis	Computer Vision / Bio Identification	ChatBots	Blockchain

20 Leading Financial Inclusion Companies by Funding Amount (Companies with 10m+ USD in Funding)

Insurance				 Compare. Buy. Save.	
Loans	      				
Savings					
Payments	 			 Remitly	 
Machine Learning	Data Analysis	Computer Vision / Bio Identification	ChatBots	Blockchain	

30 Leading Financial Inclusion Companies Based on Technology Advancements

<p>2nd Generation Technologies</p>		 	    		    	   	
<p>3d Generation Technologies</p>	 	   	  	    	     	   	 
	<p>Crypto Economy / Tokenization</p>	<p>Biometric identification systems</p>	<p>ChatBots</p>	<p>Blockchain</p>	<p>Machine Learning / Deep Learning</p>	<p>Data Analysis</p>	<p>Computer Vision (Other than Bio Identification)</p>

30 Leading FinTech Companies

Based on Technological Advancements (FinTech Subsector Specialization)

<p style="text-align: center;">2nd Generation Technologies</p>				
<p style="text-align: center;">3d Generation Technologies</p>				
	<p>Insurance</p>	<p>Loans</p>	<p>Savings</p>	<p>Payments</p>