



2018
Global Azure
BOOTCAMP

A SERVERLESS COMPUTE SERVICE

AZURE FUNCTIONS



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<https://CodeBangkok.com>

A serverless compute service that enables you to run code on-demand without having to explicitly provision or manage infrastructure. Use Azure Functions to run a script or piece of code in response to a variety of events.

Azure Functions

Code



Events + data



Azure Functions



SUPPORTED LANGUAGES IN AZURE FUNCTIONS

Language	1.x	2.x
C#	GA	Preview
JavaScript	GA	Preview
F#	GA	Preview
Java		Preview
Python	Experimental	
PHP	Experimental	
TypeScript	Experimental	
Batch (.cmd, .bat)	Experimental	
Bash	Experimental	
PowerShell	Experimental	

TIMER-BASED PROCESSING



Every 15 minutes

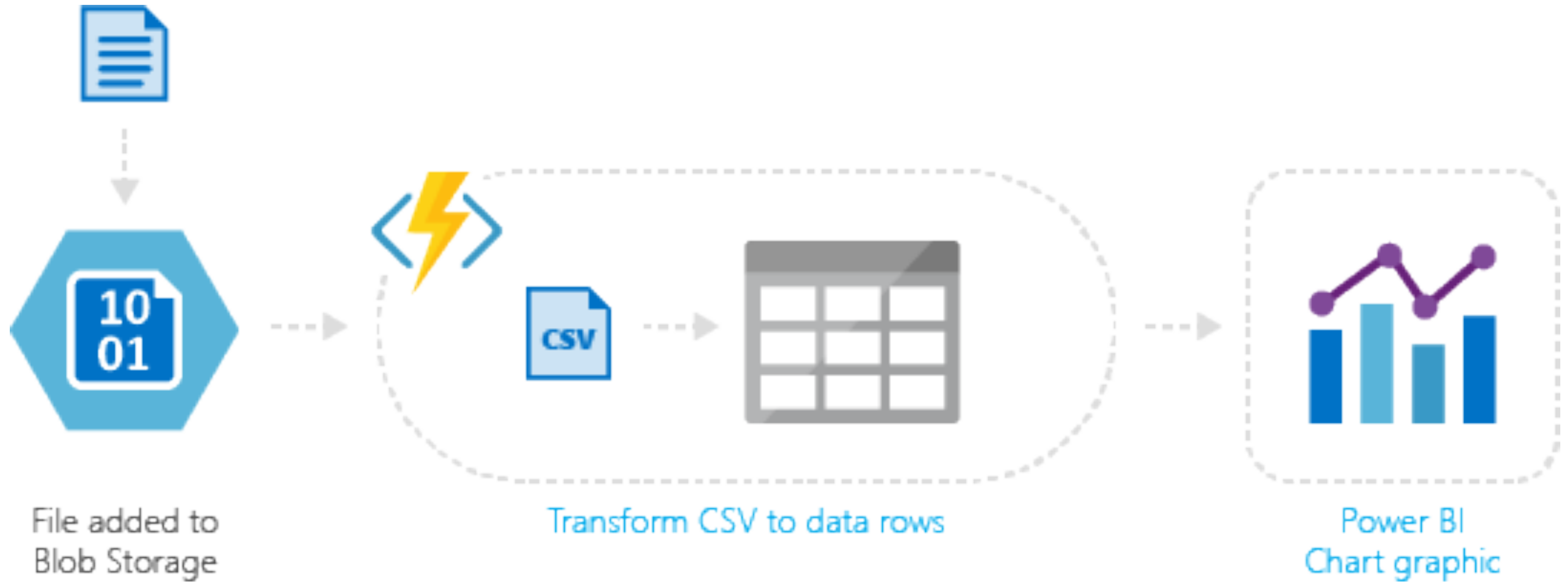


Find and clean invalid data

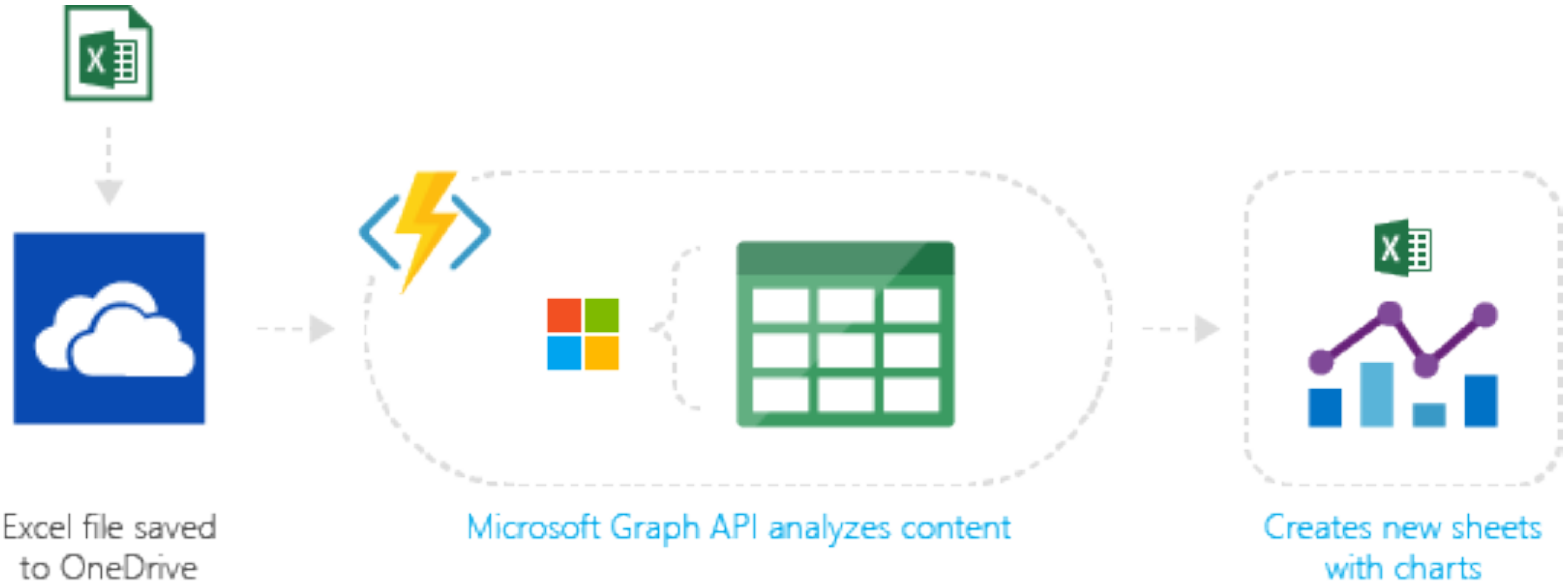


Clean table

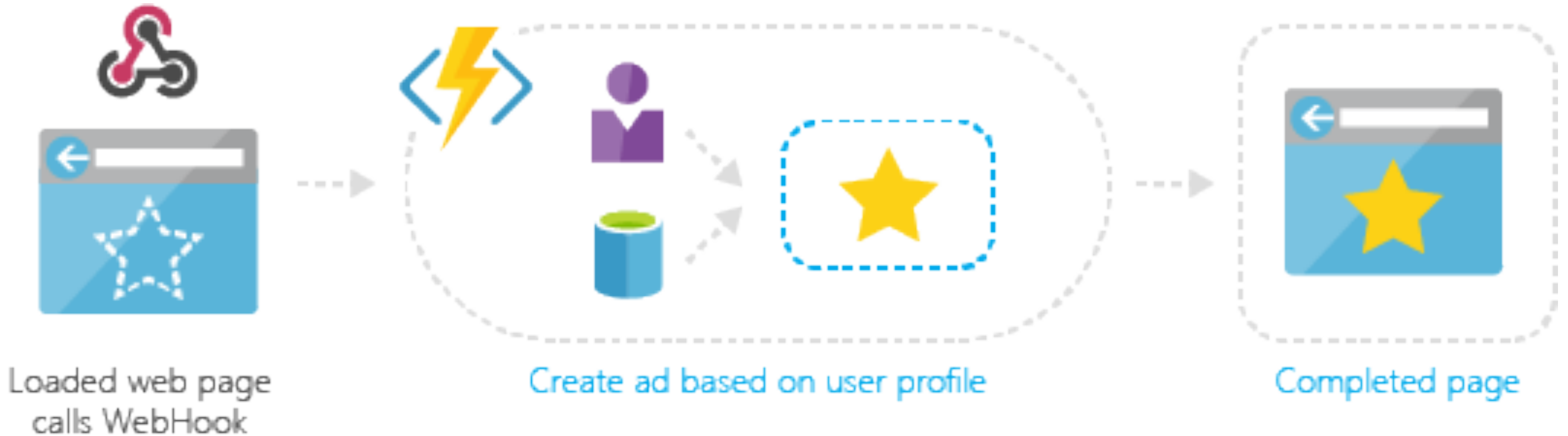
AZURE SERVICE EVENT PROCESSING



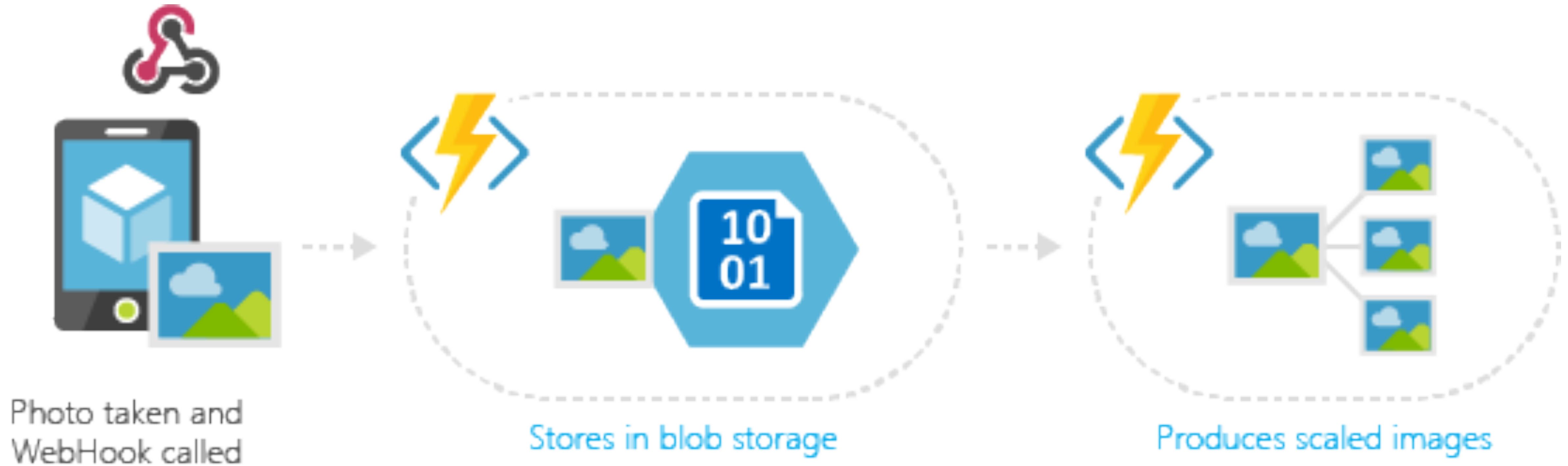
SAAS EVENT PROCESSING



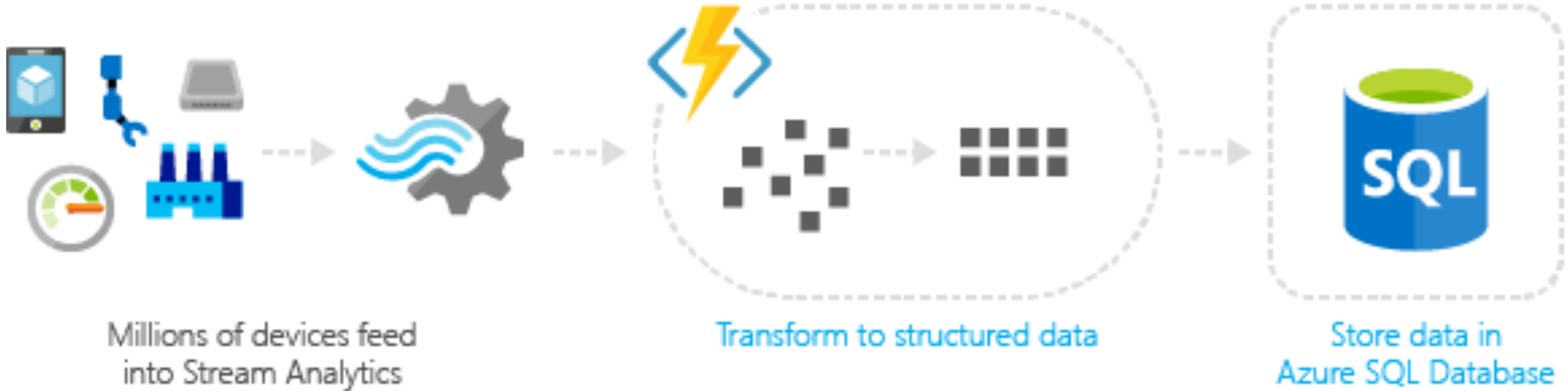
SERVERLESS WEB APPLICATION ARCHITECTURES



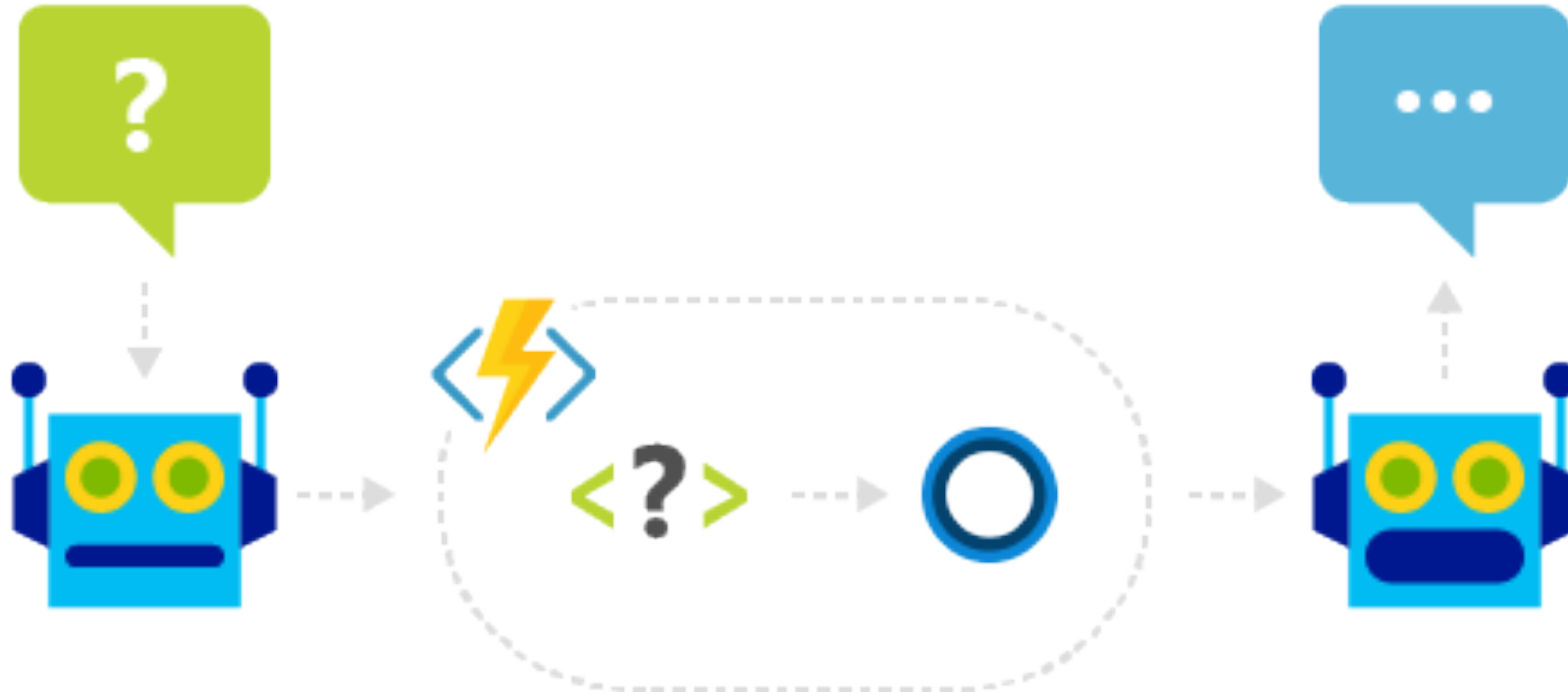
SERVERLESS MOBILE BACK ENDS



REAL-TIME STREAM PROCESSING



REAL-TIME BOT MESSAGING



Message sent to Chatbot

Cortana Analytics answers questions

Chatbot sends response



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“Dear Microsoft,
I love you but...

...please stop configuring
updates and let me work
on my computer. Please. 😊

-Casey M., US

aka.ms/culture

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DEMO