

# Azure Logic Apps

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Automate

- Tasks and
- Workflows

Integrate

- Apps, systems, data, and services across organizations.

Provides visual designer

- For configuring the workflows

Can define a workflow

- With connectors and logic creation using inbuilt standard connectors

No worry

- About hosting, scalability, availability and management

Scales up

- Automatically to manage demand.

Company can run smarter than previously

# Examples

## Send email notification

- When something happens in your system, app or services

## Move Files

- To Azure storage from SFTP or FTP servers

## Monitor the tweets

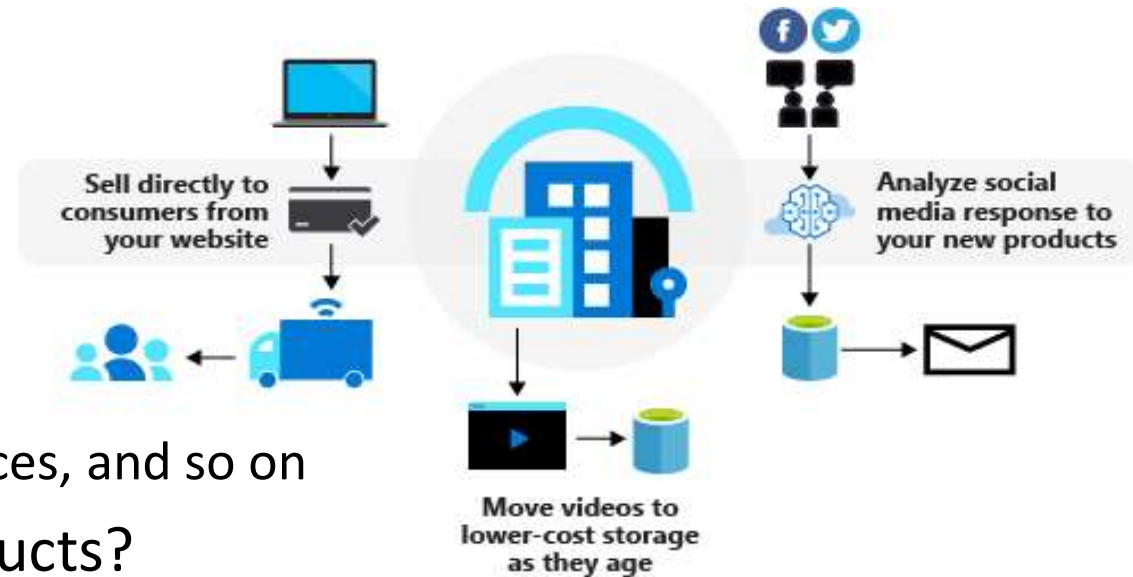
- Perform sentiment analysis on them
- Create alert for the tweet which needs to be reviewed

## Change the logic in app

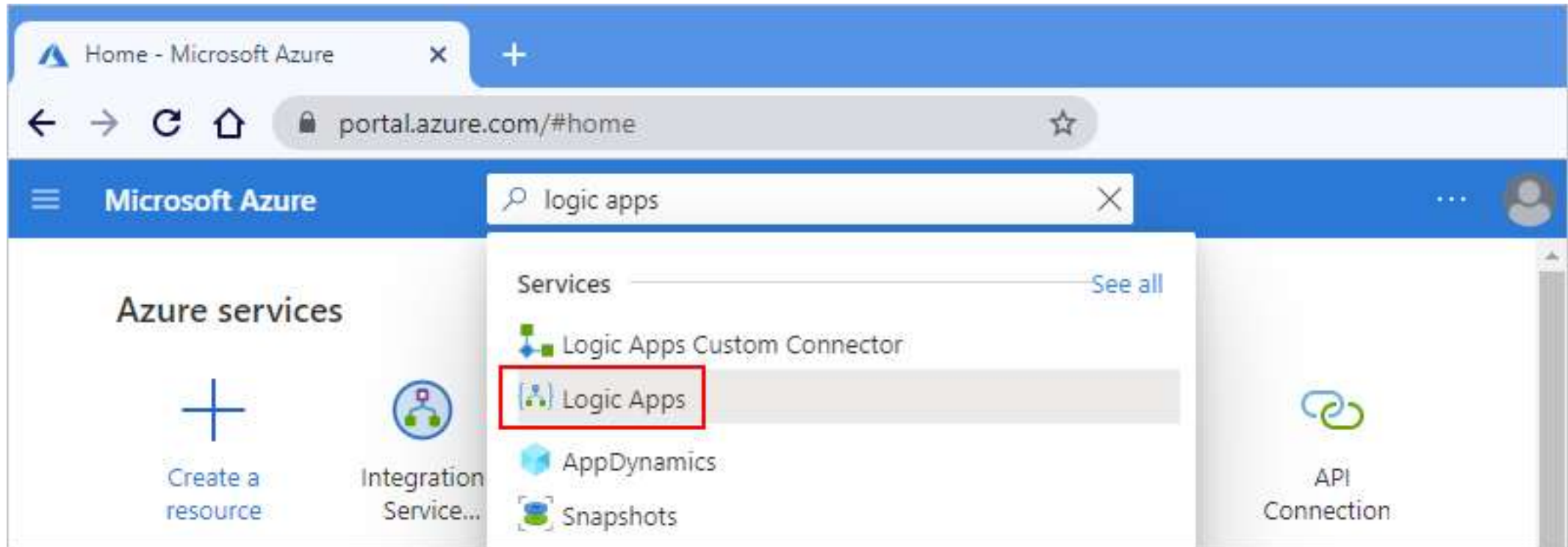
- Just with some toggles of the switch
- No deployment of your entire codebase needed

# Azure Logic Apps

- Implementing a business process can be challenging because we need to make diverse services work together
- Think about everything your company uses to store and process data:
  - Salesforce
  - Microsoft 365
  - Oracle
  - Twitter
  - YouTube
  - Dropbox
  - Google services, Azure Cognitive Services, and so on
- How do you integrate all these products?
- Azure Logic Apps gives you pre-built components to connect to hundreds of services



# Create your logic app

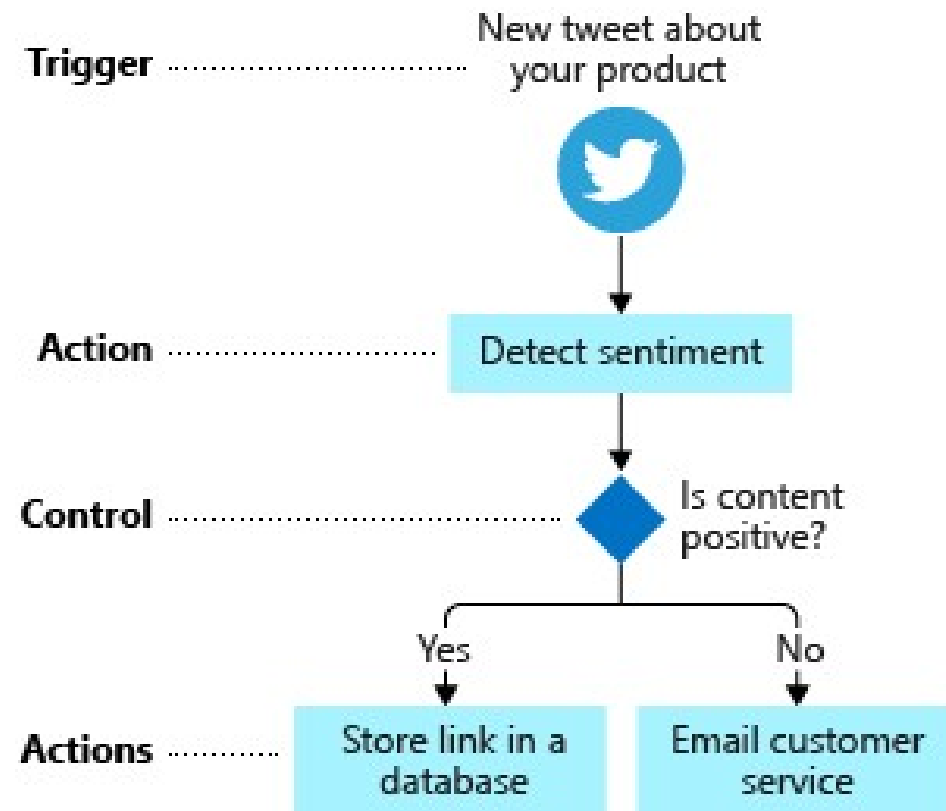


- Under Templates, select Blank Logic App.

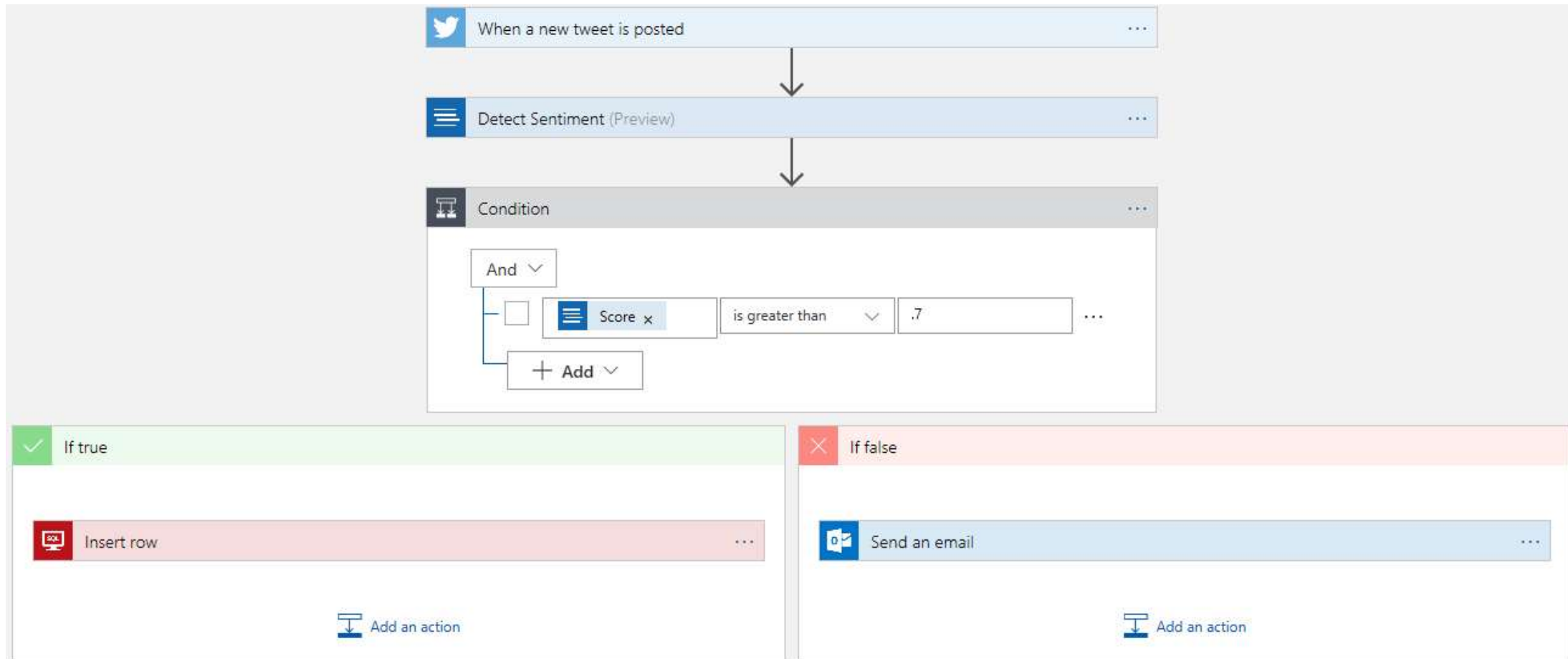
# Hands-On: Create a simple Logic App

# What are triggers and actions?

- Workflows are built from different types of tasks.
- For example, in our social-media monitor scenario we start the workflow:
  - When a new tweet is posted
  - Perform work like detect the sentiment and
  - Make a decision based on the sentiment score

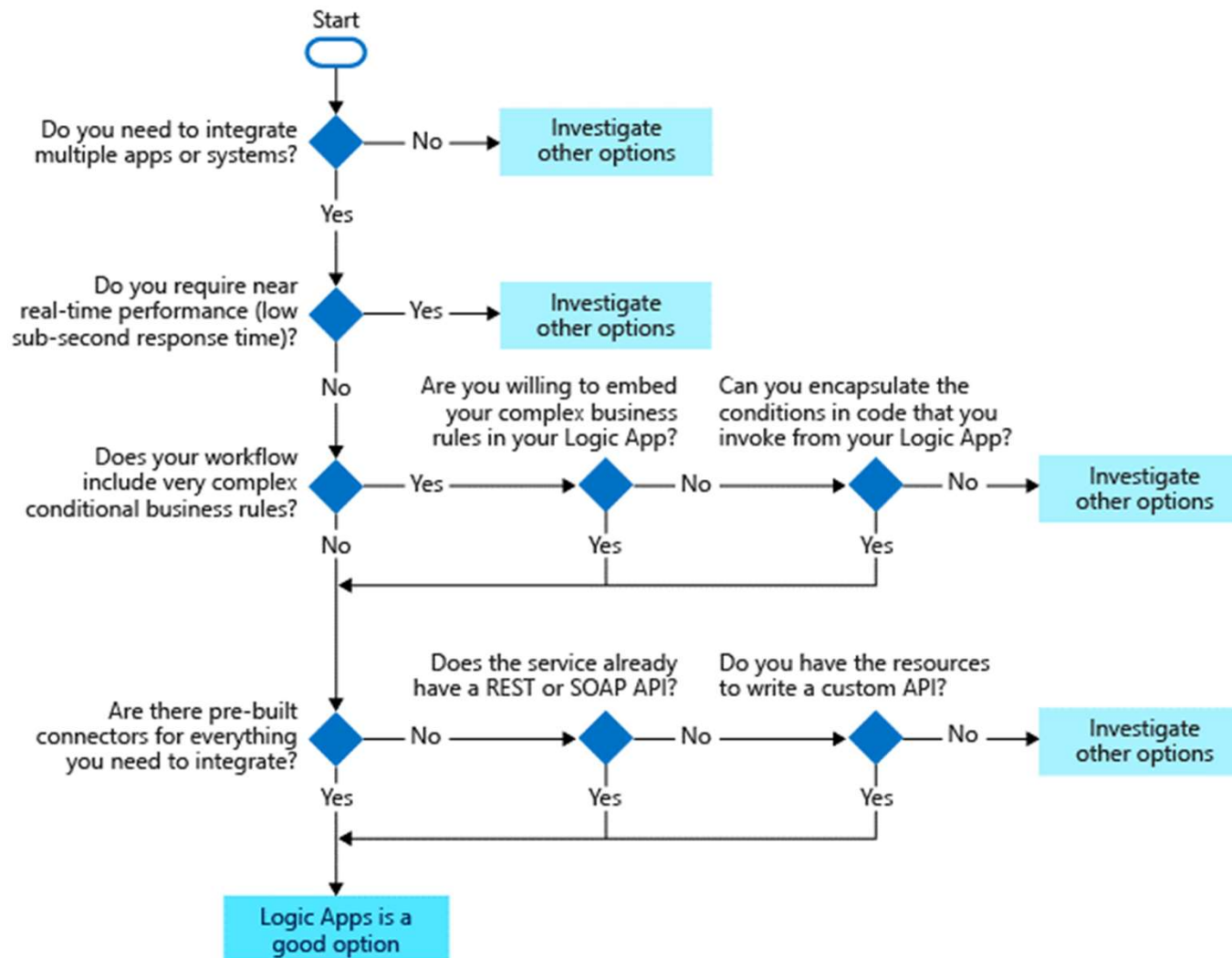


# What is the Logic Apps Designer?





# When to use Logic Apps?



# Hands-On

- Review different features of Logic App
- Condition Control
  - `atinlogicapp2`
- Loop Control
  - `atinlogappsForEach`
- Branches
  - `atinLogicAppsBranching`
- Variables
  - `atinLogicAppsBranching`

# Pricing of Azure Logic Apps

- Pay-as-you-go model
- For instance, if you process 1000 service bus messages a day, with a workflow of five actions it would cost you EUR 4.62 approx.
- To execute a normal action, it would cost \$ 0.000025 and for a Standard connector, it would cost you \$0.000125
- Even, the Enterprise connector would cost you only \$0.001

Action per month	Price per action*
Actions	0,000022 EUR or \$0.000025
Standard connector	0,000106 EUR or \$0.000125
Enterprise connector	0,000844 EUR or \$0.001

\* According to Microsoft Website on 05-05-2019

*Thanks*