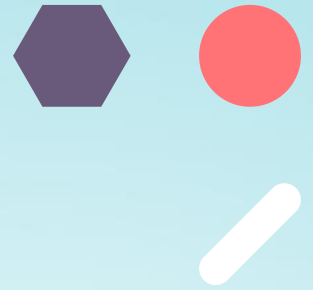




Azure Data Engineering

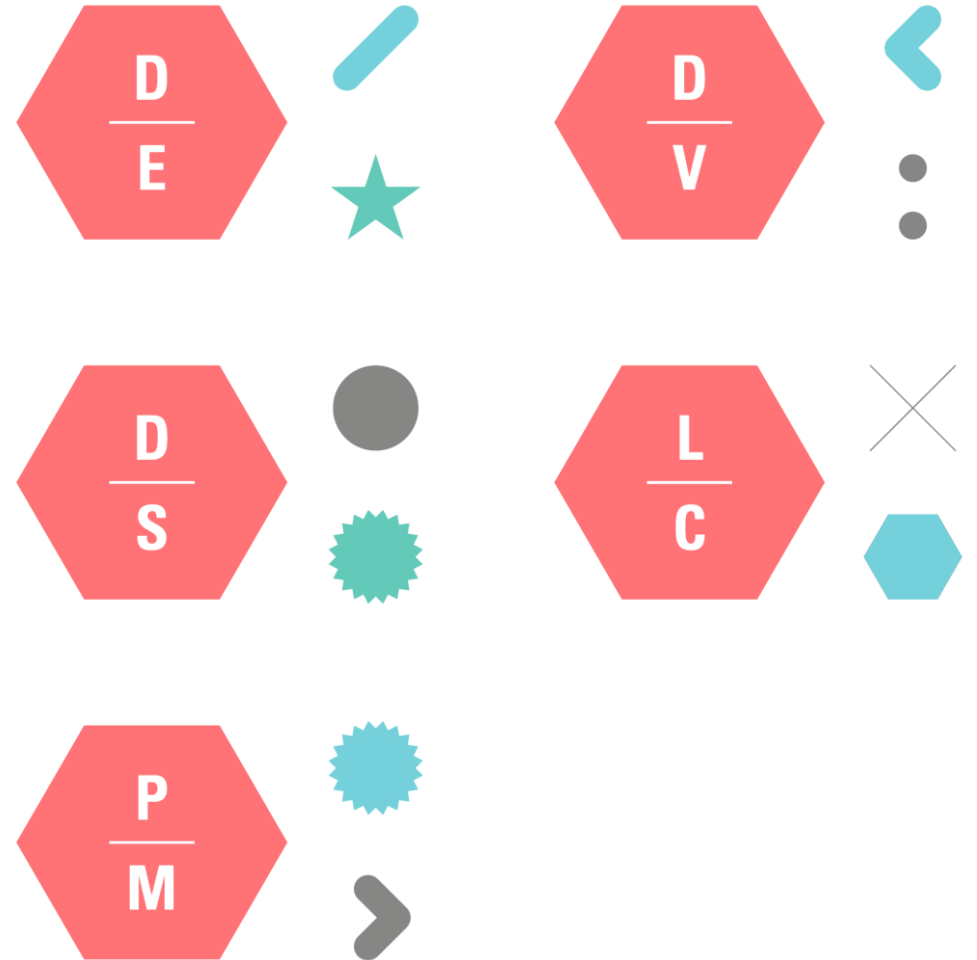
Azure Data Factory &
Azure Logic Apps

Data & Automation Line Up 2024



About Rockfeather

At Rockfeather, we're not just consultants; we're dream builders. We turn your Data & Automation vision into reality, using the power of technology to bring your ideas to new heights. Working hand-in-hand with you, we empower you to achieve your goals. Ready to see your solid ideas take flight? Partner with Rockfeather today, and let's start a journey of innovation and success. Together, there's no limit to what we can achieve.



Our technologies



Tableau



Power BI



Azure Data Factory



TimeXtender



DBT



Power Apps



Azure Logic Apps



Azure ML



Databricks



Outsystems



Acterys



Alteryx



Power Automate



Process Science



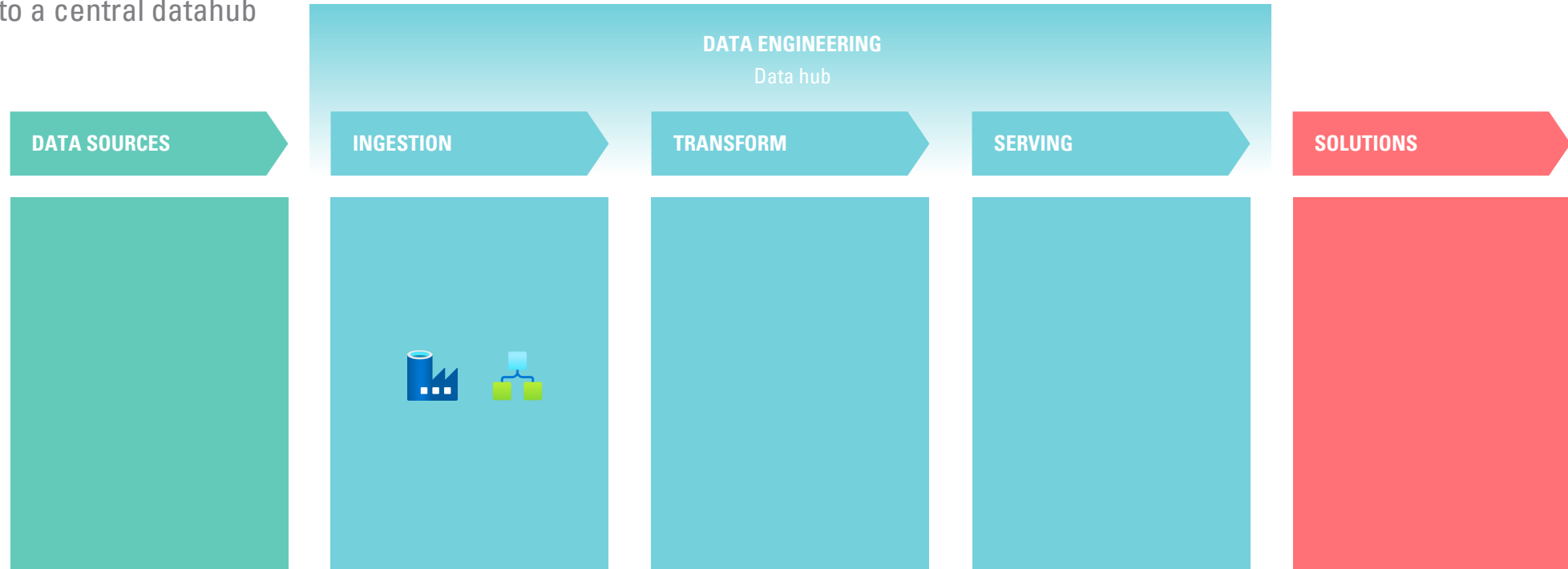
Python



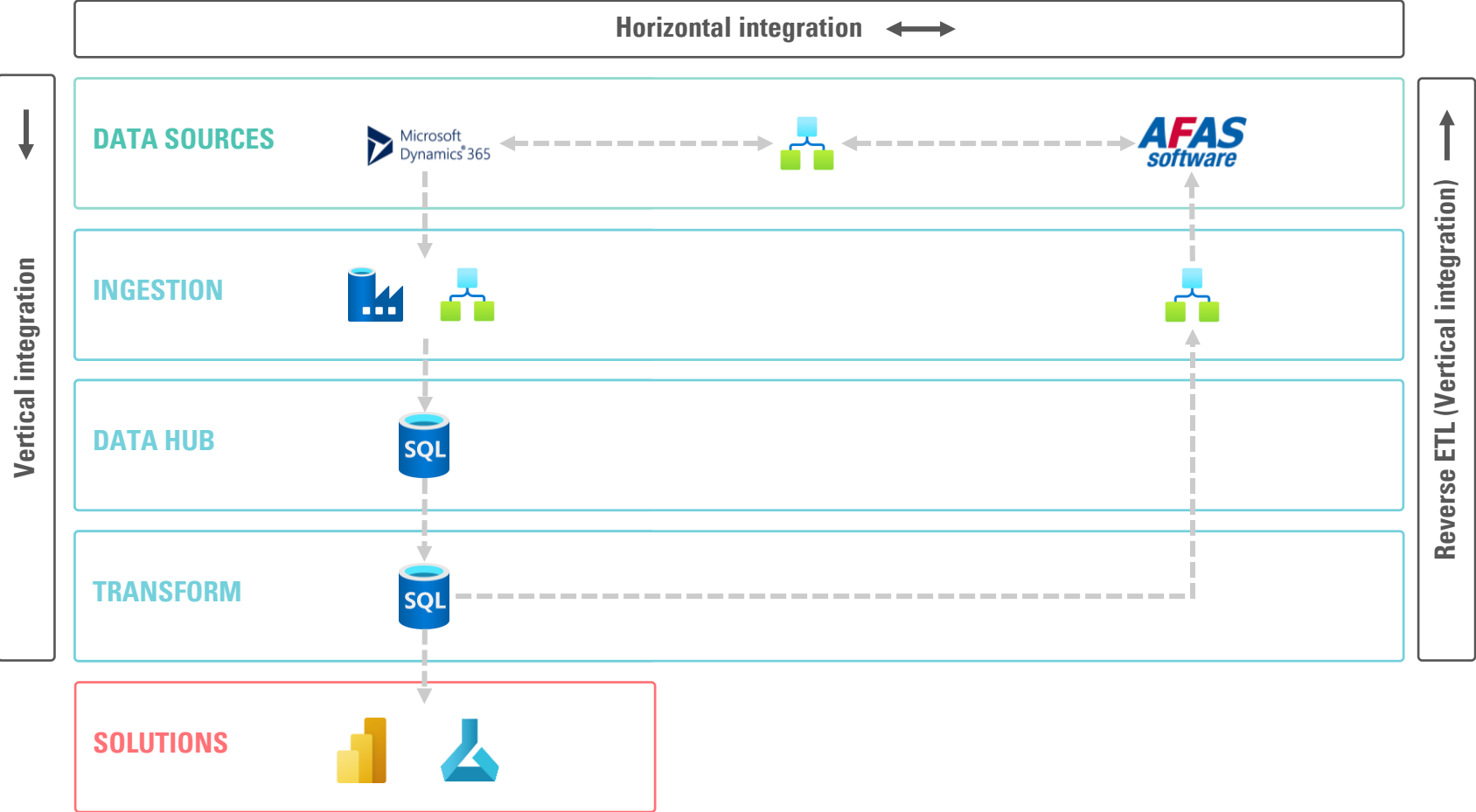
Airbyte

The problem

Get data to a central datahub

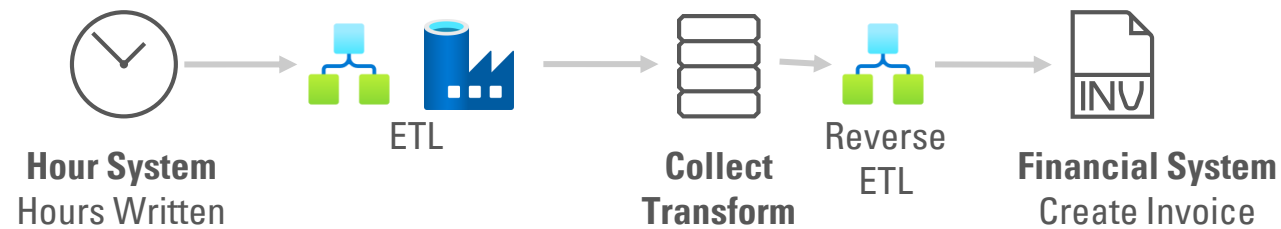


DATA INTEGRATION

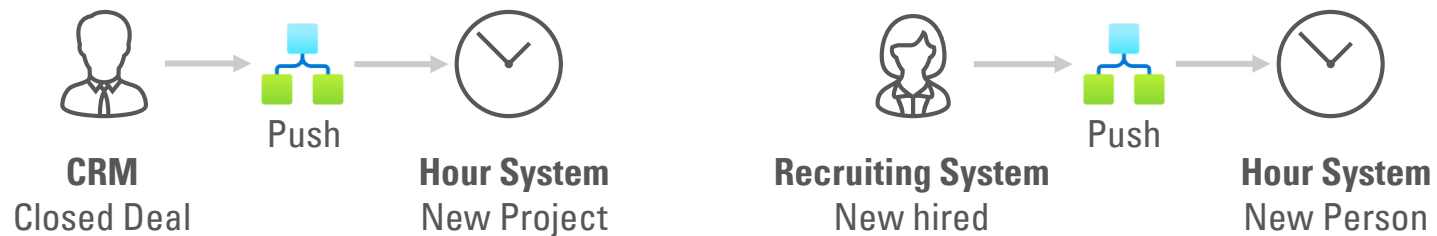


Example usecases

- ETL (Extract Transform Load) – Copy and advanced pasted (small data movements (less then 10.000 rows)
- Reverse ETL – Send data to a source system



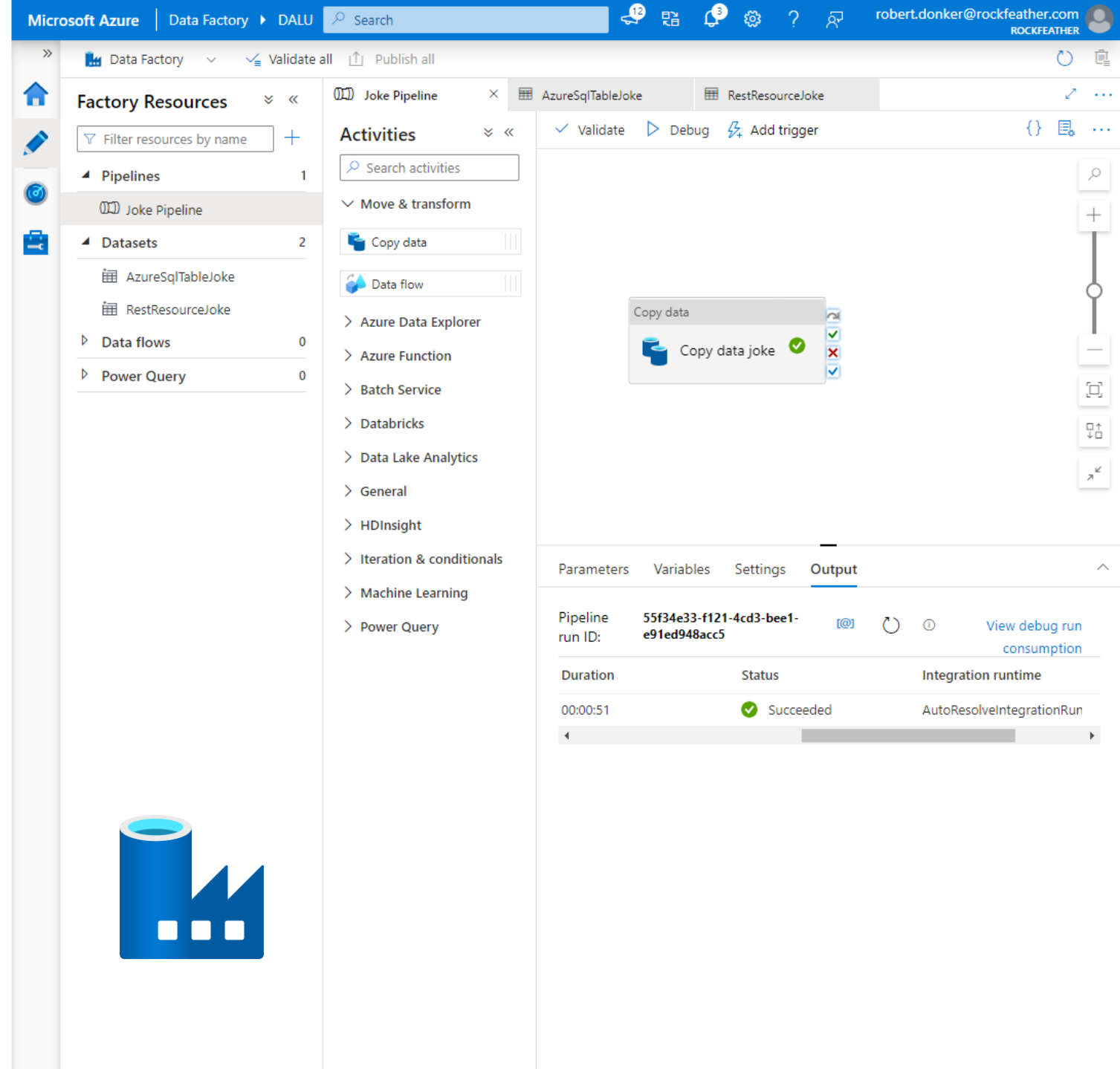
- Real time integration – sync data between systems



Solution & key features

Azure Data Factory

- ETL (Extract Transform Load)
Copy and advanced pasted
- Bulk data movements



The screenshot displays the Microsoft Azure Data Factory console. The top navigation bar includes 'Microsoft Azure', 'Data Factory', and 'DALU'. The left sidebar shows 'Factory Resources' with a tree view containing 'Pipelines' (1) and 'Datasets' (2). The 'Pipelines' section is expanded to show 'Joke Pipeline'. The 'Activities' section is also expanded, showing 'Copy data' and 'Data flow'. The main workspace shows a 'Copy data' activity named 'Copy data joke' with a green checkmark. The bottom right panel shows the 'Output' tab with a table of pipeline run details.

Duration	Status	Integration runtime
00:00:51	✓ Succeeded	AutoResolveIntegrationRun

Solution & key features

Azure Logic App

- Task Automation
 - Send alerts / notifications
 - Send Survey and collect
 - Approvals
- System Integration
- ETL (Extract Transform Load)



Logic Apps Designer

Save Discard Run Trigger Designer Code view Parameters Templates Connectors Help Info

100%

When a HTTP request is received

HTTP

Convert time zone

Parse JSON

For each

Select an output from previous steps
Body

Post a choice of options as the Flow bot to a user

Condition

And
selected... is equal to Good

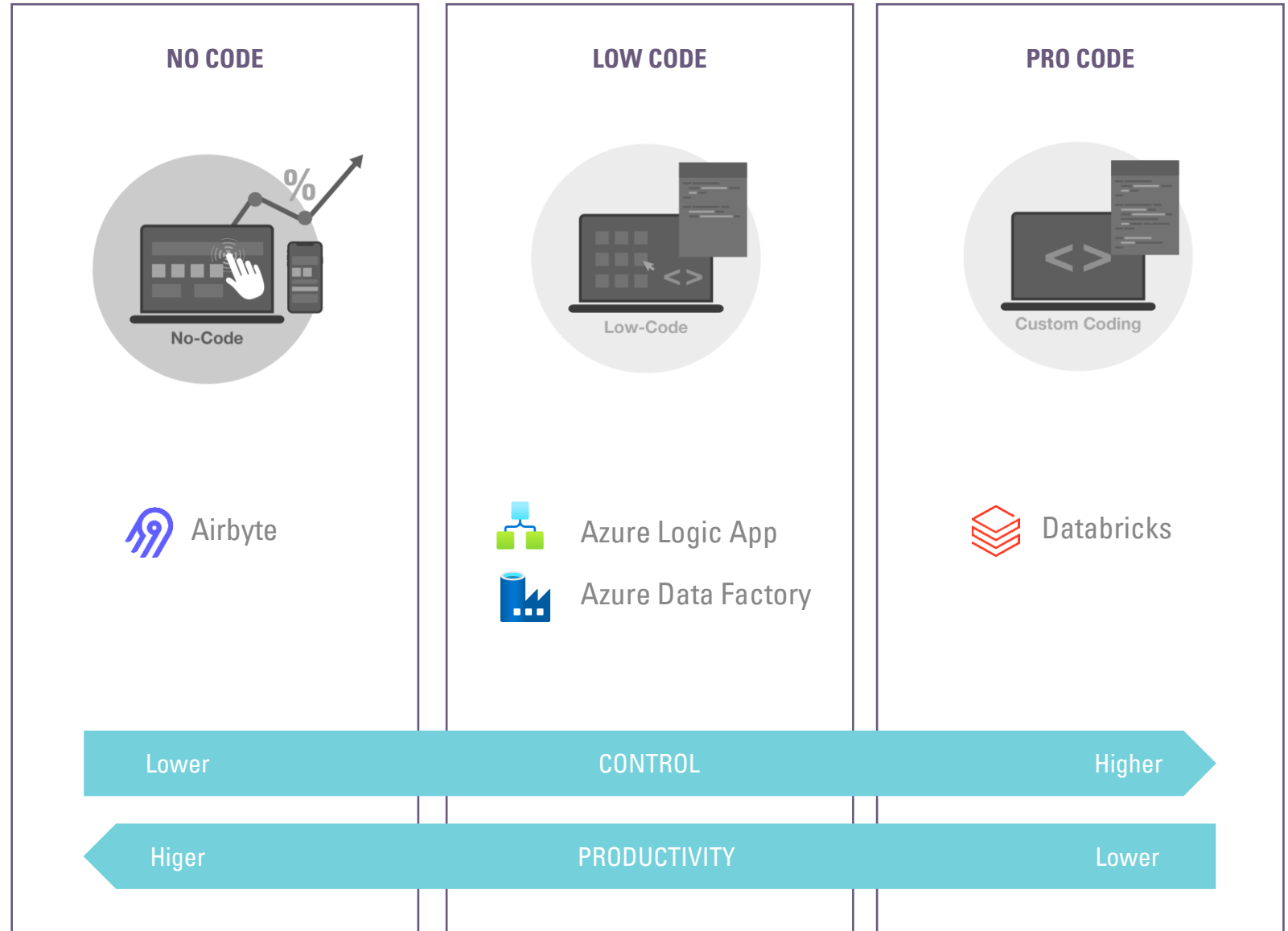
True

Insert row (V2)

Send an email (V2)

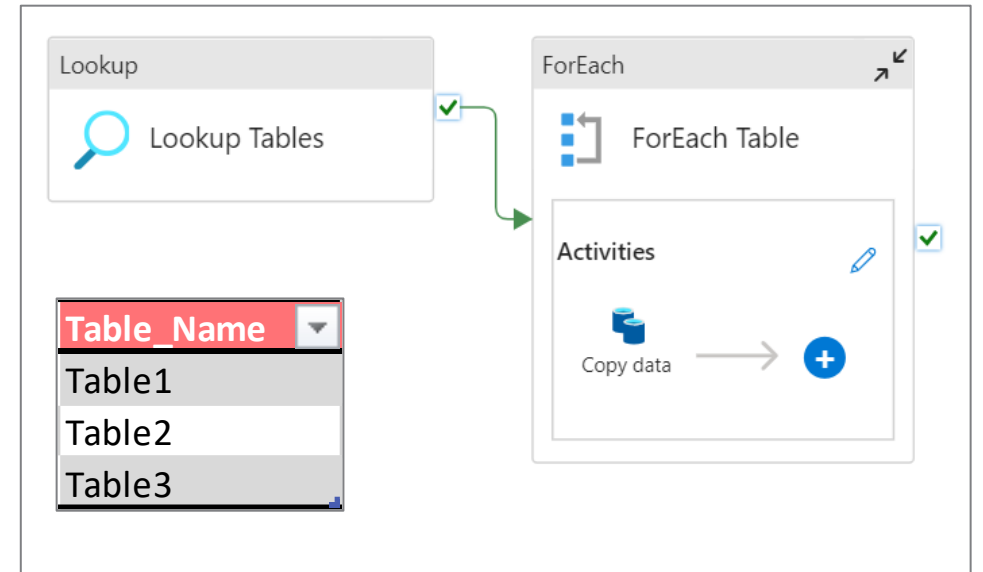
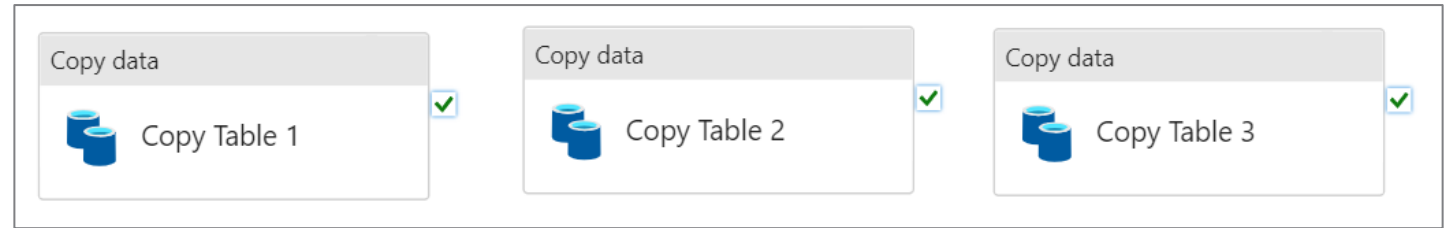
Benefits

- Low code
- Pay as you go



Challenges

- Load type (all data vs only new/changed data)
- Changing table schemas
- Maintenance (new tables to copy)



Most seen actions – Logic apps



Post message in a chat or channel
Microsoft Teams



Send an email (V2)
Office 365 Outlook



Post a choice of options as the Flow bot to a user
Microsoft Teams



Send email with options
Office 365 Outlook



Export To File for Paginated Reports
Power BI



Refresh a dataset
Power BI



Export To File for Power BI Reports
Power BI



When a data driven alert is triggered
Power BI



When a new response is submitted
Microsoft Forms

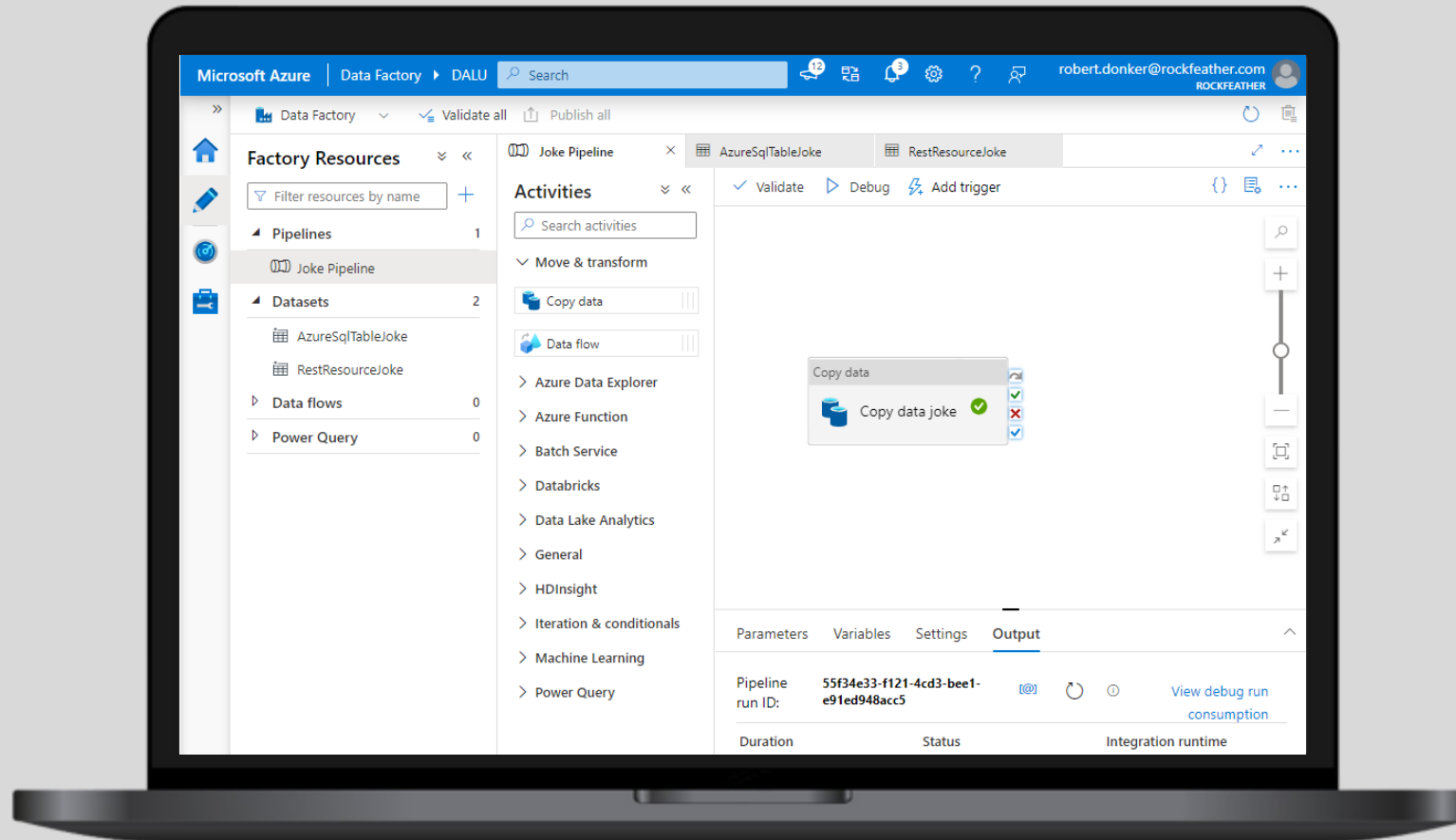


Huisarts Praktijkondersteuners

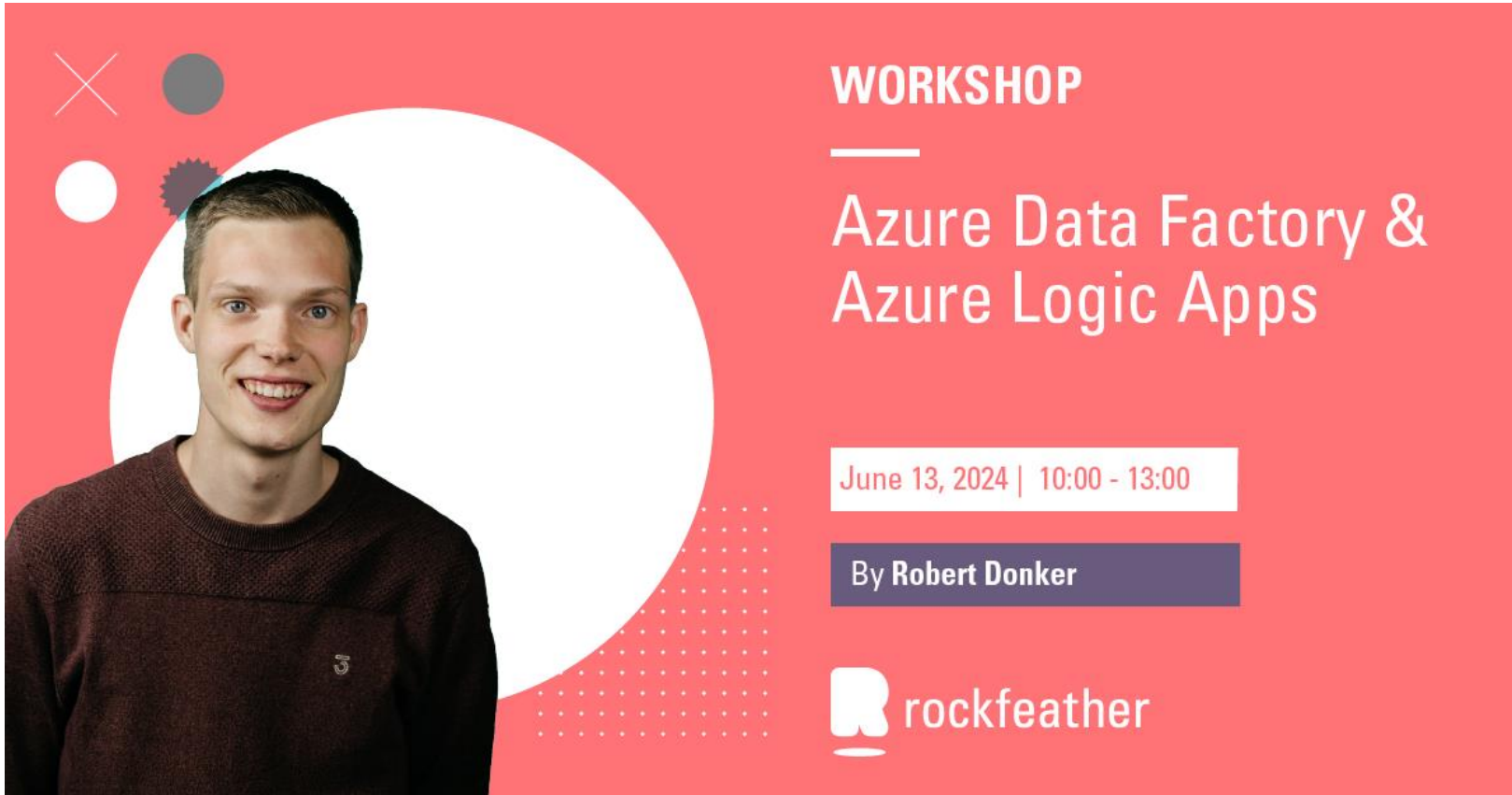
- 3 Bronnen ontsloten middels Logic Apps:
 - Uren
 - Finance
 - HR
- Integratie van uren naar facturen met behulp van Logic Apps
- Einde van de maand uren specificatie mailen met Paginated Reports en Logic Apps
- Controle rapportage in Power BI



Azure Data Factory & Logic App - demo



Want to know more?




WORKSHOP

Azure Data Factory & Azure Logic Apps

June 13, 2024 | 10:00 - 13:00

By **Robert Donker**

 rockfeather

The banner features a portrait of Robert Donker on the left, set against a large white circle. The background is a vibrant red with decorative elements like a white 'X' icon, a grey circle, and a white circle in the top left, and a pattern of small white dots in the bottom right.



Contact details

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