CODE2250BCN

vmware® EXPLORE

Productionizing Jupyter Notebooks

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#vmwareexplore #CODE2250BCN

Jupyter
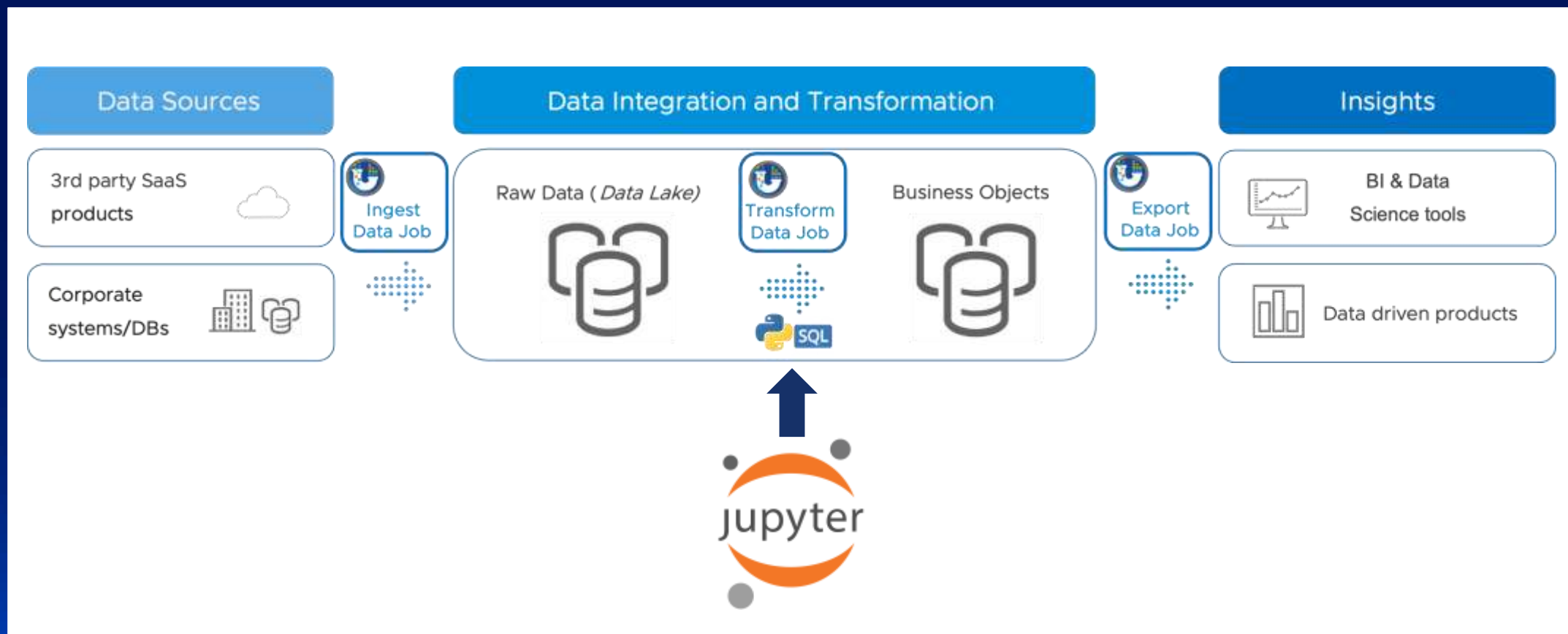## From Data Exploration to Production

Versatile Data Kit

Demo

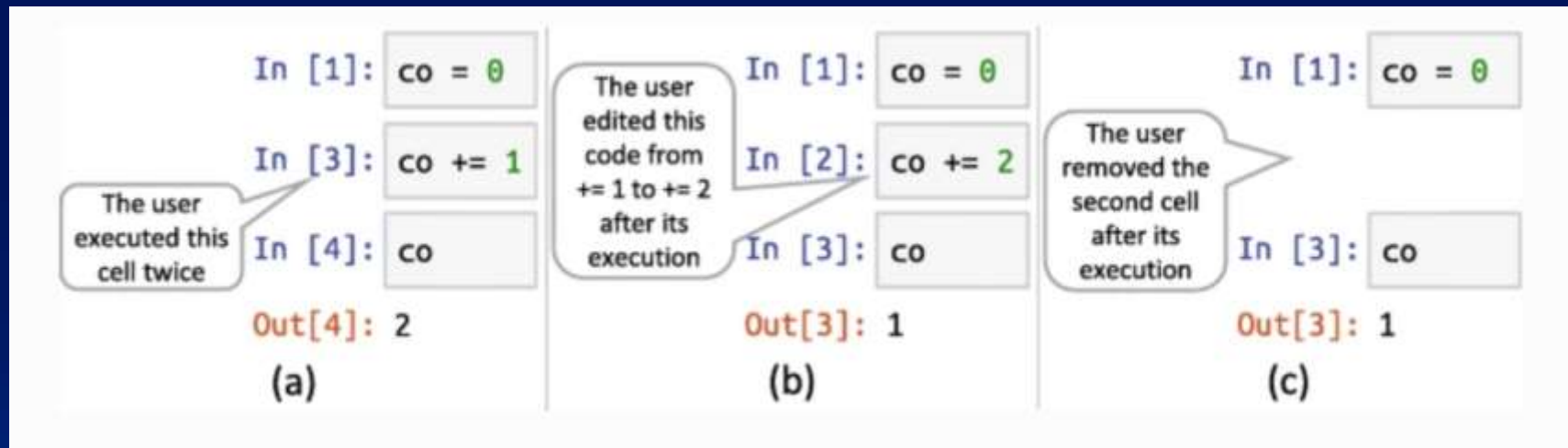You can access the integration here:
https://mybinder.org/v2/gh/duyguHsnHsn/vmware-explore/HEAD

Reproducibility: Non-Linear Execution and Hidden State Risks

Irrelevant code
for production

```
[ ]: import pandas as pd

[ ]: url = "some-url"
     df = pd.read_csv(url)

[ ]: visualise(df)
```

Relevant

Irrelevant

Testing

How to Test Jupyter Notebooks with Pytest and Nbmake

Dec 14, 2021 — This tutorial describes how you can use the nbmake, a pytest plugin, to automate end-to-end testing of notebooks. jupyter notebook A Jupyter ...

...g Notebooks Locally · Write Executed Notebooks...

Unit testing for notebooks | Databricks on AWS

How to call these functions from Python, R, Scala, and SQL notebooks. How to write unit tests in Python, R, and Scala by using the popular test ...

nteract/testbook: 🖊 📗 Unit test your Jupyter Notebooks ...

Previous attempts at unit testing notebooks involved writing the tests in the notebook itself. However, testbook will allow for unit tests to be run against ...

Version Control

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Learn more about Versatile Data Kit with these sessions

➢ Streamlining Dataset Creation and Debugging in AI Models with Versatile Data Kit[CODE2223BCN]

Monday, Nov 6, 4:30 PM - 4:50 PM CET Hall 6.0, VMware {code} Theater

➢ Centralized Control and Flexibility in Machine Learning Operations [VMTN2224BCN]

Thursday, Nov 9, 1:00 PM - 1:15 PM CET Hall 6.0, VMTN Theater, VMware Communities

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