ACTIVEVIAM

Analyzing data. Empowering the future.

Dynamic dataviz in Python

Analytics platform for notebooks

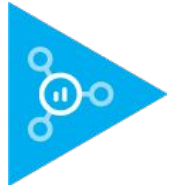Thibault Derousseaux

Thibault Derousseaux

Lead Frontend Engineer

@tibdex

Interactive Analytics Platform

In-memory analytical database

- multidimensional

- high performance

- scale up to a terabyte

+

Decision-making UI

- rich visualisation
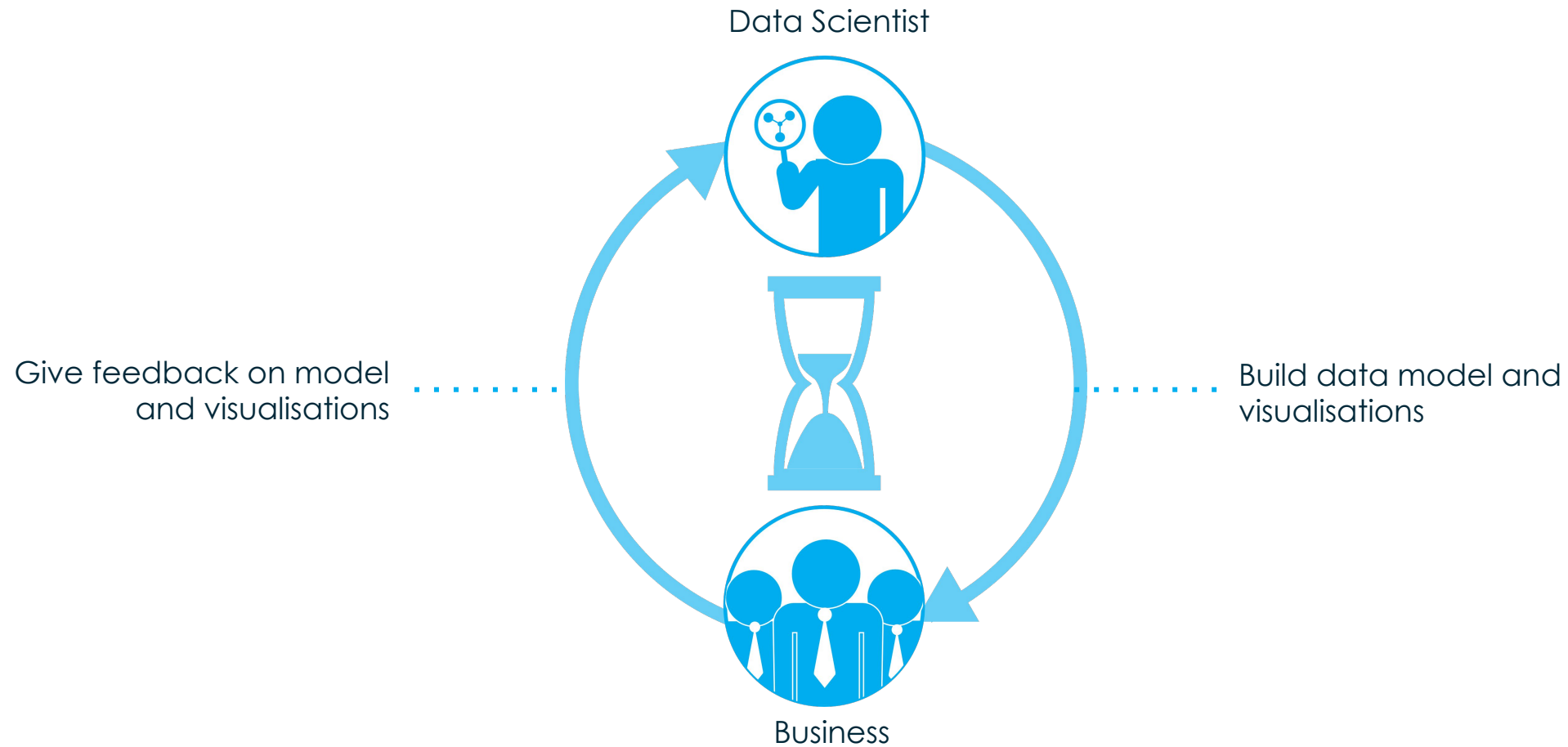
- realtime interactivity

- flexible data navigation

ACTIVEVIAM

Our Clients

Finance

- CRÉDIT AGRICOLE CORPORATE & INVESTMENT BANK
- ING
- NATIXIS
- Santander
- SOCIETE GENERALE Corporate & Investment Banking

Retail

- MONOPRIX
- FeuVert LONGUE VIE À VOTRE AUTO
- Intermarché
- ENGIE
- LEROY MERLIN

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Agile Process

The Data Science Cycle

Data Scientist

Give feedback on model and visualisations

Build data model and visualisations

Business

ACTIVEVIAM

How can we speed up the
data science process?

Bringing our Analytics Platform into Python Notebooks

Tailored to data scientists

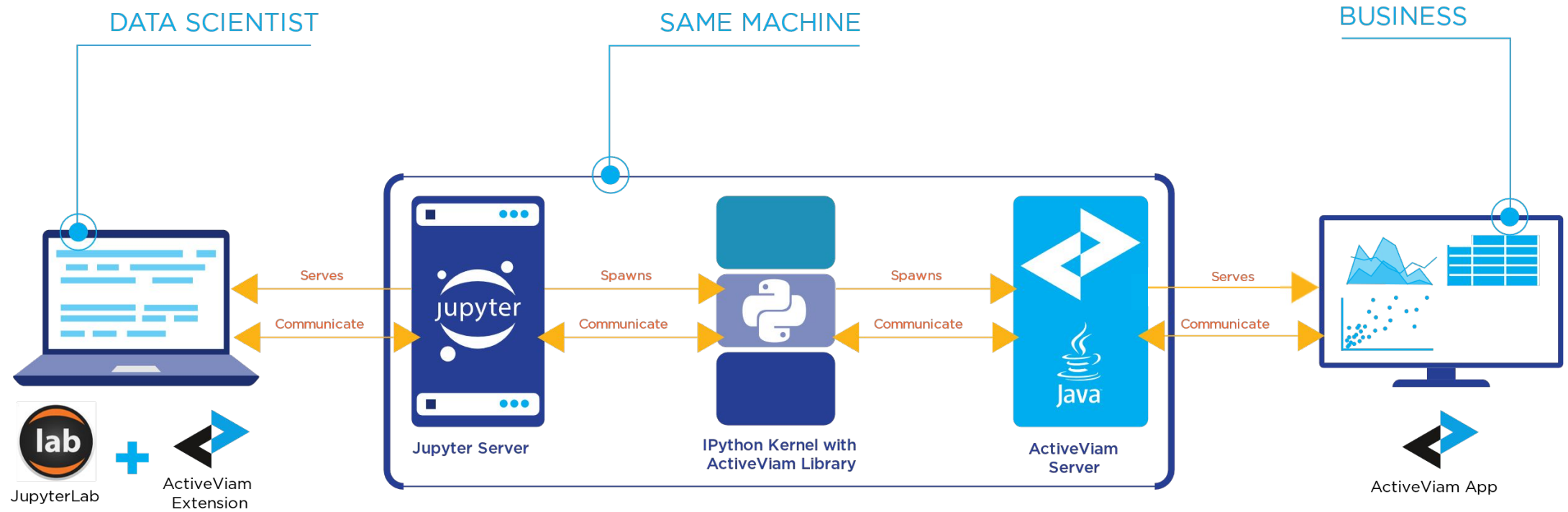- Expressive Python API designed for notebooks

- Interoperability

Accessible for everyone

- Power of analytics and interactive visualisation

- Ready to share and handle production volume

Architecture

DATA SCIENTIST

SAME MACHINE

BUSINESS

Serves

Communicate

Jupyter Server

Spawns

Communicate

IPython Kernel with
ActiveViam Library

Spawns

Communicate

ActiveViam
Server

Serves

Communicate

JupyterLab + ActiveViam Extension

ActiveViam App

Demo

Request Beta Access:

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