



# CLOUD EXPO EUROPE

## Cloud and Artificial Intelligence industrialization

Horacio González

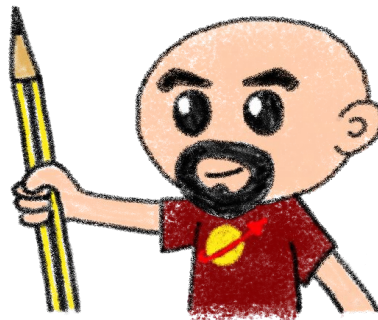
2022-05-12



@LostInBrittany

# Who are we?

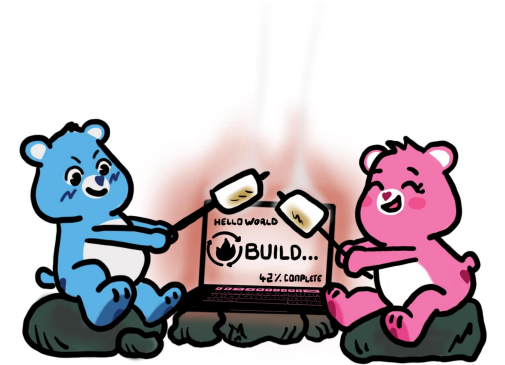
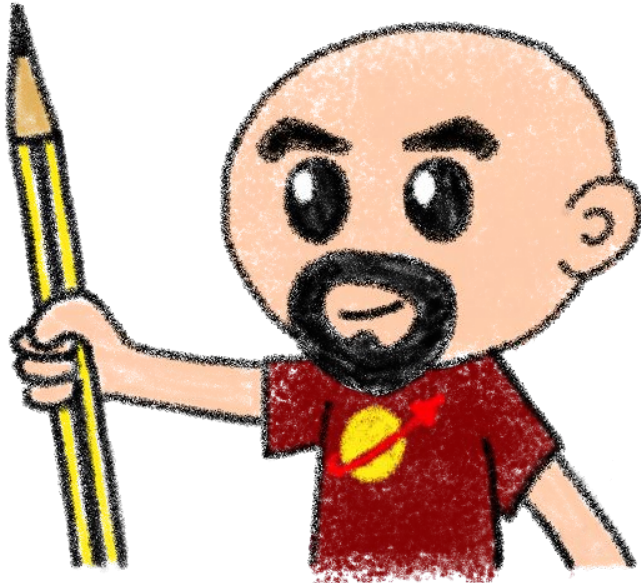
Introducing ourselves and  
introducing ~~OVH~~ OVHcloud



# Horacio Gonzalez

**@LostInBrittany**

Spaniard lost in Brittany,  
developer, dreamer and  
all-around geek



# OVHcloud: A global leader



**Web Cloud & Telecom**



**Private Cloud**



**Public Cloud**



**Storage**



**Network & Security**



**30 Data Centers**  
in 12 locations



**34 Points of Presence**  
on a 20 TBPS Bandwidth Network



**2200 Employees**  
worldwide



**115K Private Cloud**  
VMS running



**300K Public Cloud**  
instances running



**380K Physical Servers**  
running in our data centers



**1 Million+ Servers**  
produced since 1999



**1.5 Million Customers**  
across 132 countries



**3.8 Million Websites**  
hosting



**1.5 Billion Euros Invested**  
since 2016



**P.U.E. 1.09**  
Energy efficiency indicator



**20+ Years in Business**  
Disrupting since 1999



CLOUD EXPO  
EUROPE

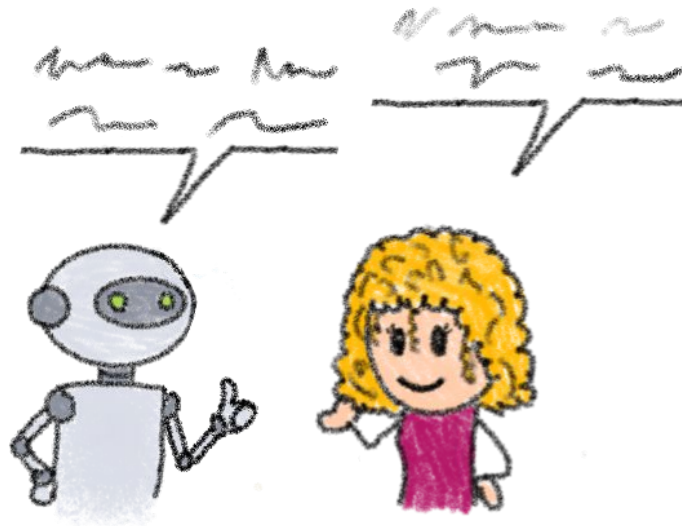
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OVHcloud

# The many faces of AI

And the people who work on it





# We often identify two kinds of AI users

A



## Doing AI

Startups, Tech companies  
Public sector, governments  
Services providers

I have data scientists in my company.  
I need an **AI toolbox** to develop my projects

B



## Using tools

« **powered by AI** »  
Mid-Large companies  
Public sector

I'm looking for **Out-of-the box data products powered by AI** ! A Chatbot, Fraud analyzer, a search engine, ...

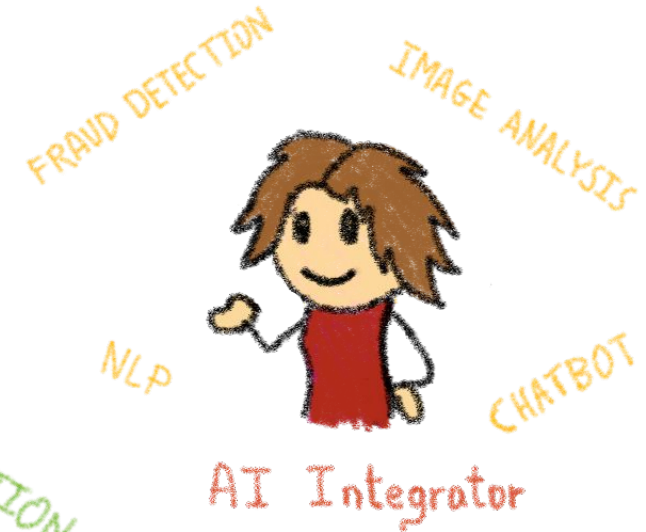
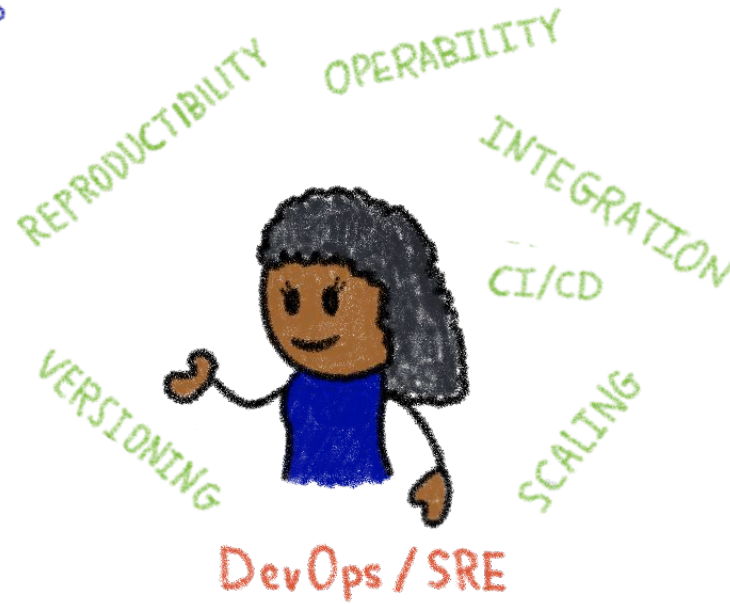
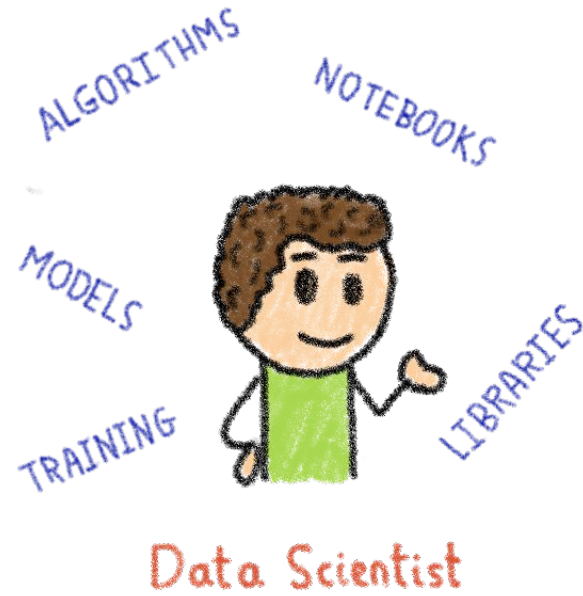
And, of course

- Simple
- Secured
- With privacy
- With cost control

# But there is a third one: DevOps/SRE

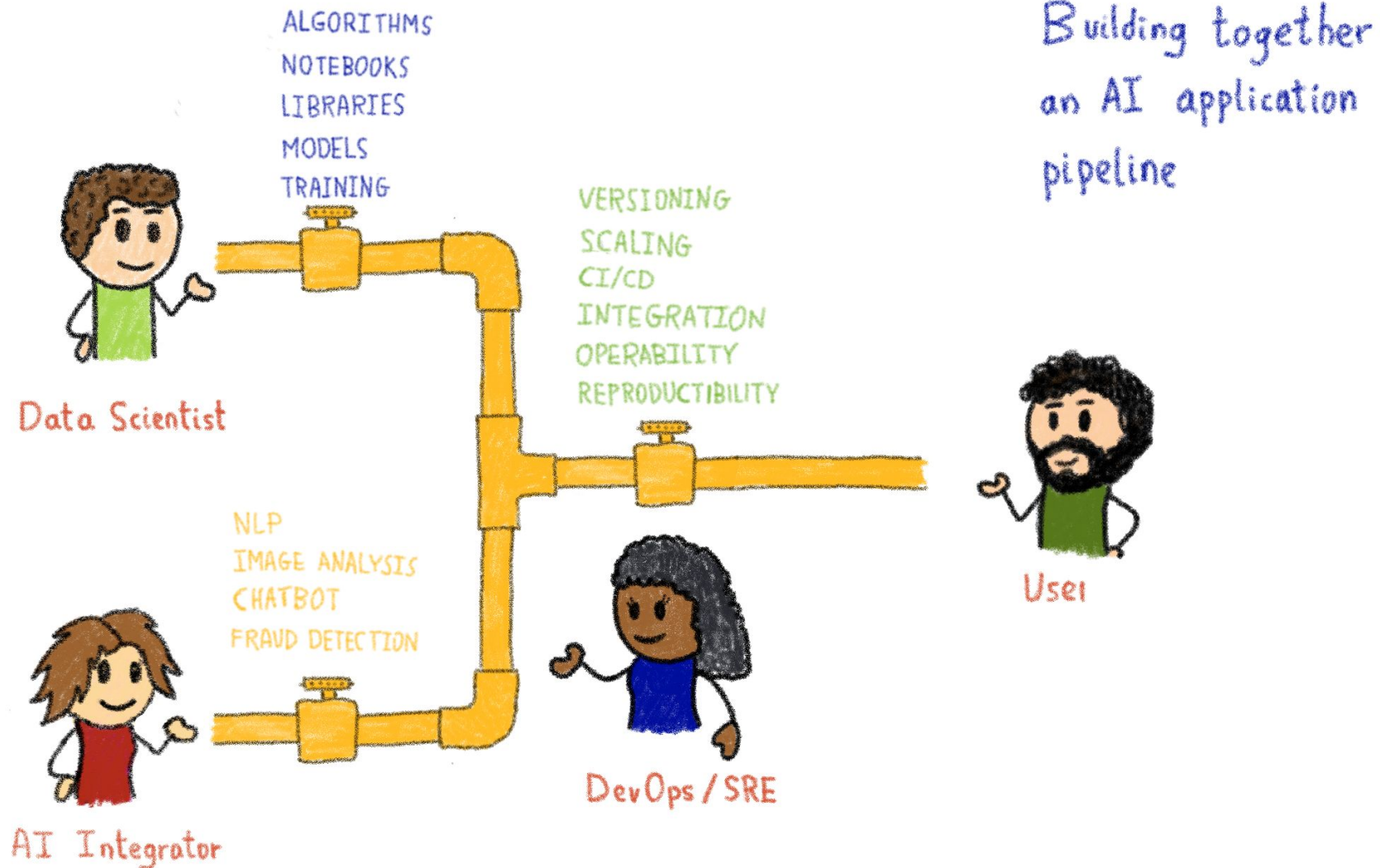


# They speak different languages

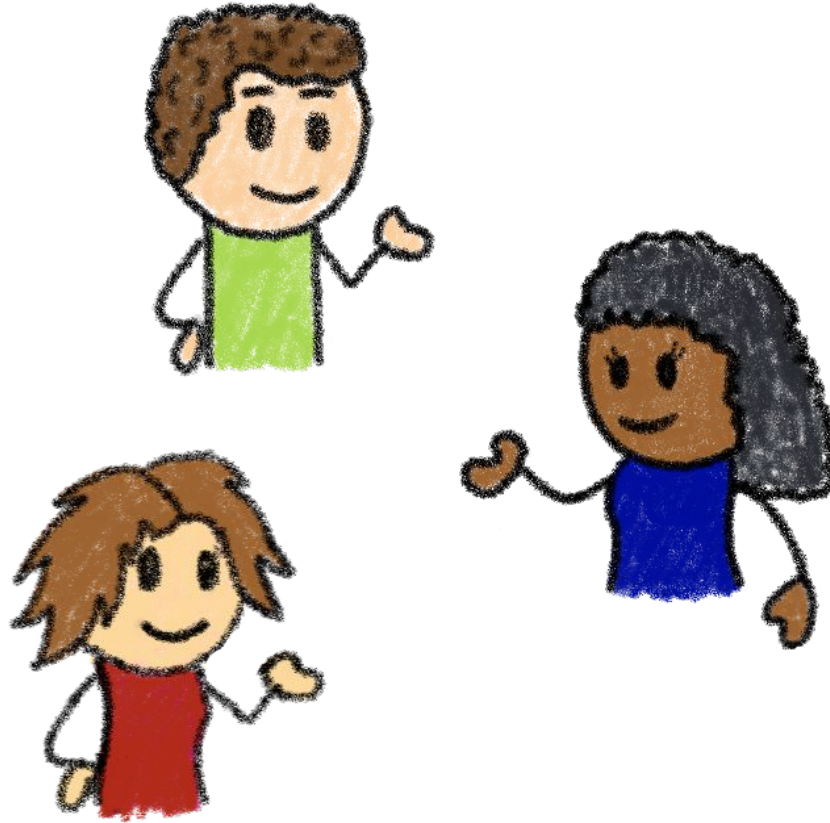




# But they need to work together



# The challenge of integration



Integrating AI/ML & DevOps/SRE teams, process, and tools

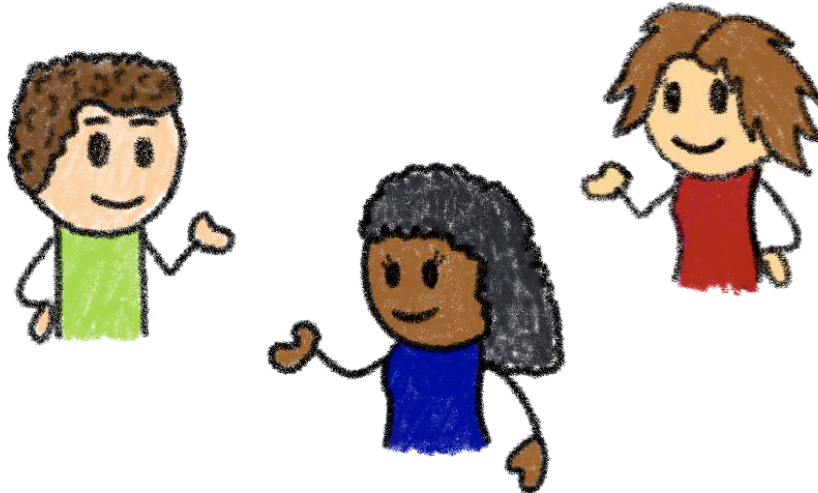
# Many questions to answer...

We need to setup / use  
AI environments  
easily & quickly.  
Infrastructure?  
Not our job.

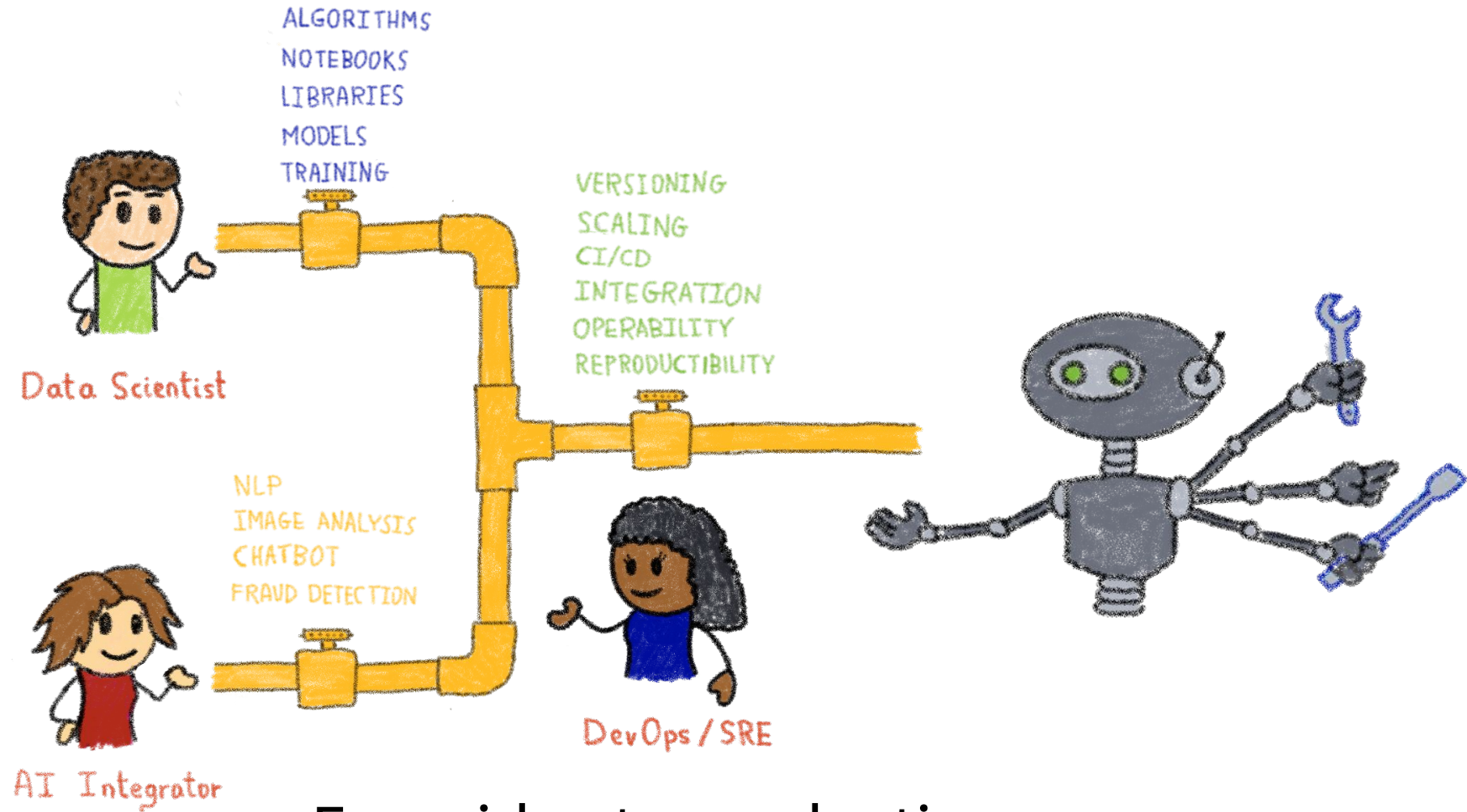
Our team needs to  
collaborate and have  
guaranteed access to  
resources.

Our needs for resources  
are evolving.  
We need scalability and  
pay as we grow.

How do we guarantee  
the security and  
compliance required  
for critical or sensitive  
data?



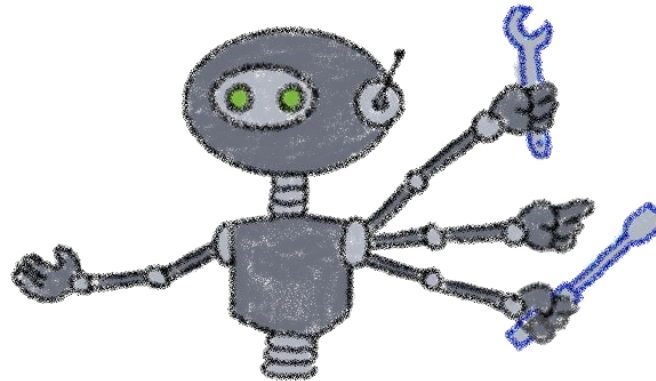
# Automate the end-to-end pipeline



From idea to production

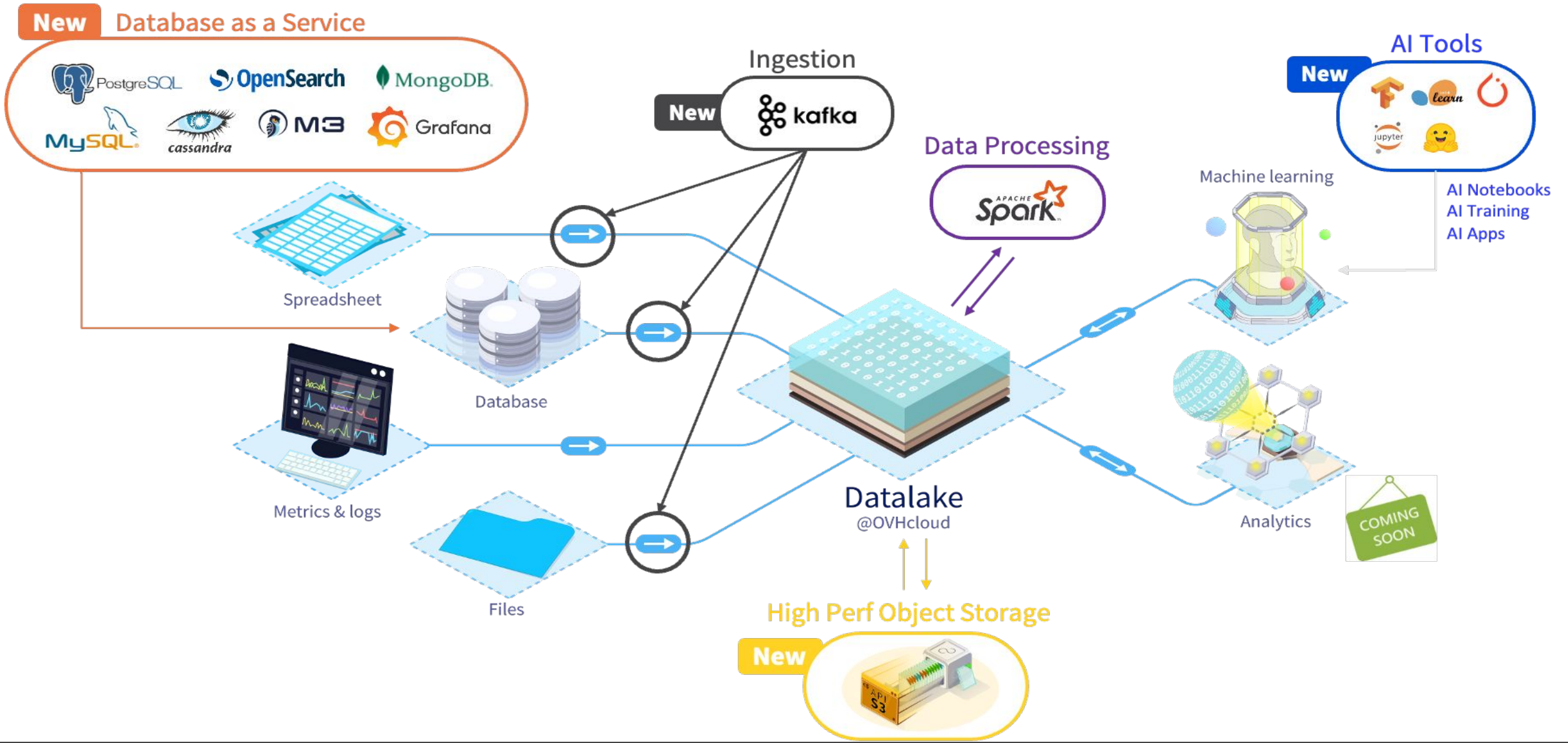
# OVHcloud & AI

Our answer to AI pipeline automation

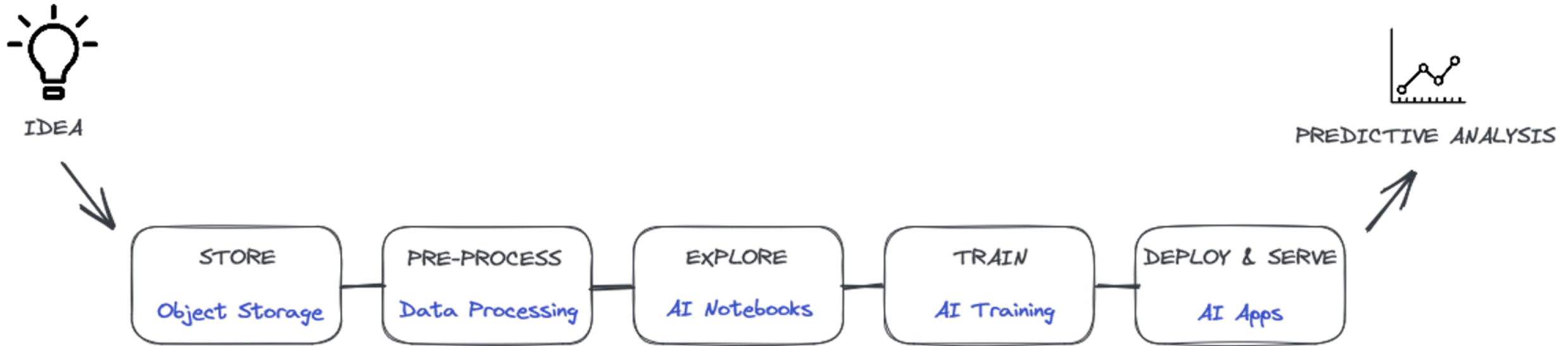




# AI solutions part of our data solutions range



# Introducing OVHcloud AI Solutions



**AI Solutions** are a complete set of **managed services** that provide a **quick and easy way** for your data scientists and developers to get **ML models from idea to production**

# How to start with your AI pipeline?



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These services are built on our **trusted and secured Public Cloud** based on European values & law and powered by Openstack open source cloud



# Pay as you go, simple, and aggressive pricing



GRA +  
BHS

## Object storage

**Pay per GB**, starting at:

0,01 € HT /month /GB to store  
+ 0,01€ HT /GB traffic OUT

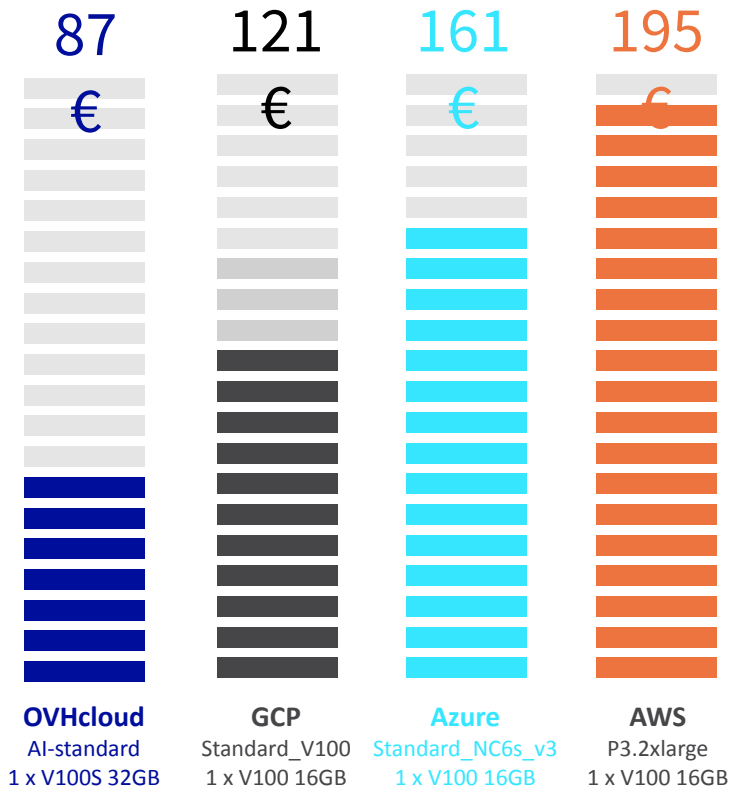
(example: 10TB = 100€ HT/month)

## AI Notebooks / AI Training

**Pay per GPU per minute**, starting at:  
1,75€ /hour /gpu (NVIDIA V100s 32GB)

**Pay per CPU per minute**, starting at:  
0,03€ /hour /cpu (Intel Xeon 1vCPU + 4GB)

*what's the cost of 50 hours of notebook  
with 1 x NVIDIA V100 GPU?*



Prices in EU datacenters, without storage attached,  
no period commitment.



# An answer to many AI questions...

We need to setup / use  
AI environments easily  
& quickly.  
Infrastructure?  
Not our job.

Managed services,  
no setup cost,  
no sysadmin skills  
required

Our team needs to  
collaborate and have  
guaranteed access to  
resources.

Object storage  
sync & linked  
to GPUs or CPUs

Our needs for  
resources are evolving.  
We need scalability  
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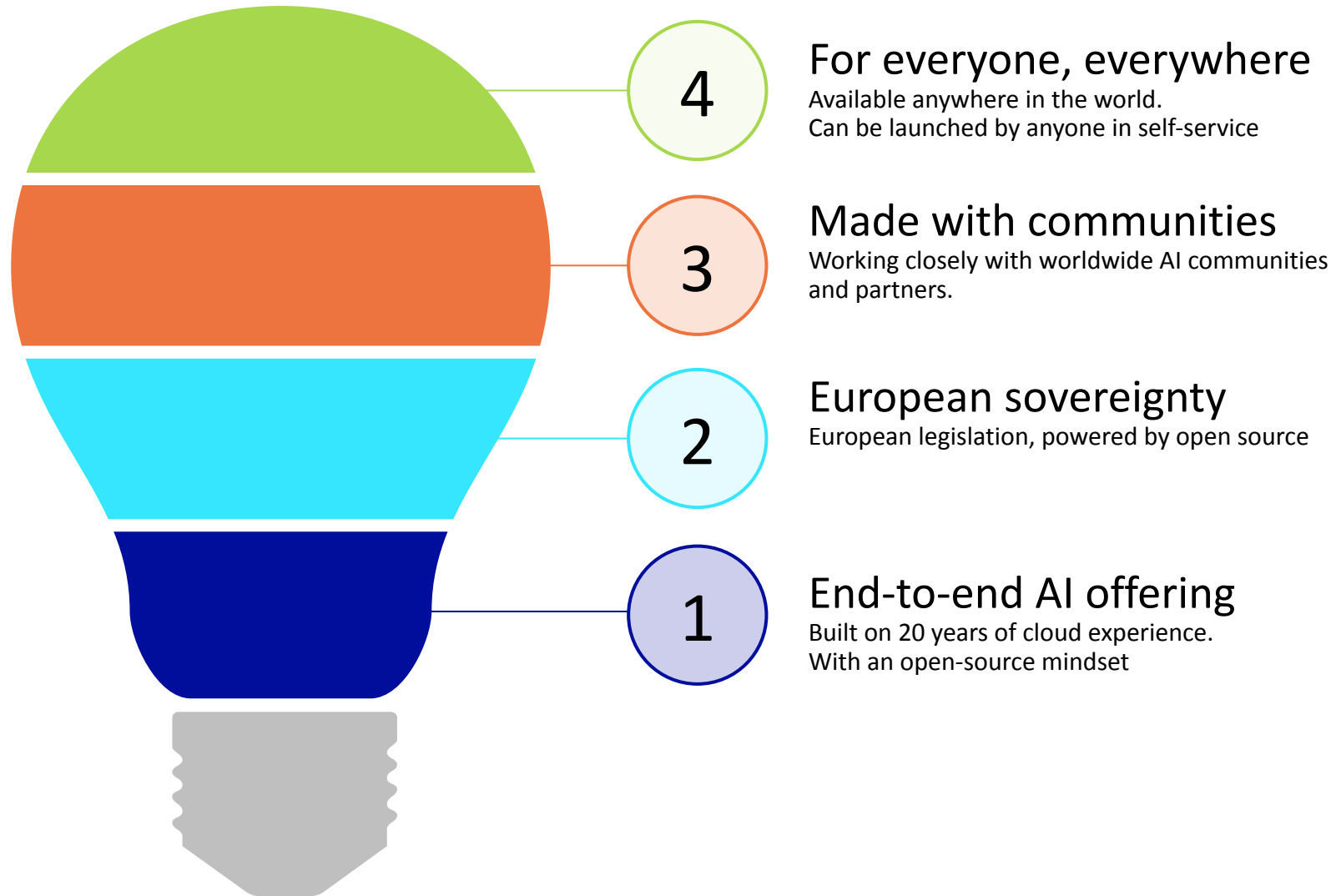
Simple & predictive  
Pay as you Go  
Per minute

How do we guarantee  
the privacy, security  
and compliance of our  
data and models in the  
Cloud?

GDPR compliant,  
ISO 27K1,  
HDS certifications



# OVHcloud & AI: sum-up



# That's all, folks!

# Thank you all!

