



DataScientest

Q1 2023





*“ We’re **changing lives and careers** by delivering online, accelerated data courses that are university credit-rated and job-focused, **enhanced by technology but delivered by people.** ”*





+30

courses in upskilling and reskilling



+70

Fortune 500 groups

7000

Alumni





The European leader in Data Science training

DataScientest Tomorrow's training organization

- Founded in 2016, **DataScientest** is a specialized B2B and B2C **data science** training provider.
- Our users benefit from a training platform **entirely** thought and designed by our **experts**. Our community includes nearly **7,000 trainees** from more than **70 major partner companies**.
- Our training modules allow us to provide training for **everything** Data related: from **Business Intelligence**, to **Data Science**, **Data Engineering** and **Cloud computing**, all the way to **Devops**.

A hybrid format adapted to our clients' needs

- To date, our corpus is rich with more than 2,000 hours of content **certified** by the **Université Panthéon Sorbonne** and **Les Mines Paris**.
- We offer a **hybrid** training program that alternates between synchronous and asynchronous training and allows us to combine **motivation**, flexibility and **100%** completion of our courses.
- Beyond the training, DataScientest **accompanies** you in the creation and animation of the **data universe** of your group through the organization of **Data Challenges** and **recruitment tests**.



Our Founders

Full-Time Experts

A 100-collaborator team

- **40 full-time Data Experts** : Data Analysts, Data Scientists, Data Engineers, Experts Bl...
- **10 developers** in charge of technical support and continuous improvement of our platform.
- **A research team** composed of in-house Phd's in charge of creating and updating content.
- **A development council** made up of external auditors working for large groups in charge of ensuring that our training courses are in line with market expectations.



Yoel T.
CEO

EDUCATION
Mines Paris

CONTACT
yoel@datascientest.com
+33 (0)6 15 04 40 61



Charles S.
CTO

EDUCATION
Ecole Polytechnique Paris

CONTACT
charles@datascientest.com
+33 (0)6 12 76 73 89



Benjamin B.
COO

EDUCATION
Paris Dauphine University

CONTACT
benjamin@datascientest.com
+33 (0)6 19 76 66 94

OUR TRAINERS

DataScientest has over **90 staff members** including **35 Full time Data Experts.**



Raphael K.

IN CHARGE OF A TEAM OF 6 DATA ANALYSTS
Lead Data Analyst & Cohort Leader
+6 years of experience
Université Paris Dauphine Alumni
Specialities: DataViz' programming, Machine Learning

Thomas B.

IN CHARGE OF A TEAM OF 4 DATA SCIENTISTS
Lead Data Scientist & Cohort Leader
+3 years of experience
Ecole des Mines de Paris Alumnus
Specialities: Machine Learning programming, Deep Learning, NLP, Computer Vision

Emilie G.

IN CHARGE OF A TEAM OF 4 DATA SCIENTISTS
Data Scientist & Cohort Leader
+2 year of experience
Graduated from Paris Dauphine University
Specialities: Programming, Machine Learning



Jérémy R.

IN CHARGE OF A TEAM OF 4 DATA BUSINESS INTELLIGENCE
Lead Data Business Intelligence
+8 years of experience
Head of BI Department
Specialities: Business Intelligence, ETL, Data base management.



Paul D.

IN CHARGE OF A TEAM OF 4 DATA ENGINEERS
Lead Data Engineer & Cohort Leader
+4 years of experience
Central Paris - Essec Alumni
Specialities: Machine Learning programming, Big Data, Deep Learning



Laurene B.

IN CHARGE OF A TEAM OF 4 DATA SCIENTISTS
Data Scientist & Cohort Manager
+3 years of experience
Paris Deauphine University - ENS - Les Mines
Specialities: Machine Learning programming, Deep Learning



Pierre A.

IN CHARGE OF A TEAM OF 6 DATA SCIENTISTS
Lead Data Scientist & Cohort Leader
+4 year of experience
Polytechnique Alumni
Specialities: Machine Learning & Statistical mathematics



OFFICIAL PARTNERSHIP

Building **meaningful** partnerships is essential in developing **quality** courses, made with **concrete** technical knowledge and academic **recognition**. We are the **first and only training organisation** to be partner of the three major cloud providers.

Technological Partners



DataScientest is an **Official Microsoft Learning Partner**. This means Microsoft recognizes us as a **qualitative** and relevant partner on tools including the Power Platform (and most notably **Power BI**), as well as **Azure**.



AWS **recognizes** DataScientest as part of their **ATP program** (Authorized Training Partner). Internally, several professors hold the **AAI** status, the most **important** for training qualifications on AWS.



Google Cloud

DataScientest is also a **GCP Authorized Learning Partner**. Google is very selective in the choice of its partners and also recognizes the quality of our training courses.

Academic Partners



As part of their official partnership deal, **The University Paris Panthéon Sorbonne** and DataScientest hold reciprocal programs in their respective data **universe**. Periodical quality **audits** also ensure DataScientest is in par with the **best academic** content available - and ensures trainees can get official certification from this **world-acclaimed** university.



Ecole des Mines Paris - PSL is a **leading Engineering School** with one of the most **vibrant** Data Science academies in Europe. DataScientest is proud to be an **official** partner, recognizing the **quality** of our courses and ensure courses are **eligible** for a full Mines recognition.



Why DataScientest ?

Thanks to an **innovative** state-of-the-art “**skill-first**” pedagogy, DataScientest has already supported more than **70 groups** in the upskilling or reskilling of more than **5 000 people**.

100% Completion Rate

In our B2B cohorts, we ensure a 100% completion rate of our trainings thanks a to personalized follow-up.

35 Full-time Data Experts

All our teachers are working full-time for DataScientest. They have both strong academic backgrounds and professional experience.

1 Program Manager Team

5 collaborators dedicated to the follow-up of our partnership and trainees.

60% Industrialized Data Projects

A real data project bases on your Datasets which enables trainees to work while training and to perfectly assimilate theoretical knowledge.

Endless possibilities

Fully customisable courses that fit your **exact needs**

2 world-class university backing

From the **University of Paris Panthéon Sorbonne & Ecole des Mines Paris**

Certified Learning Partners



OUR PEDAGOGICAL APPROACH

DataScientest is the leader in France for B2B training in **Data Science**.
This excellence is built around a **pedagogical method** based on **three pillars**.

1



FULL SAAS PLATFORM

2



PERSONALIZED FOLLOW UP

3



DATA PROJECT



OUR TEACHING METHOD

1. Full SAAS platform

DataScientest trains your collaborators in **Data Science** thanks to an **ergonomic platform**, created **in-house** and **rewarded** with numerous **awards**.



A secure platform

- Flexibility of use
- Regular contact with our Data Scientists / Data Engineers via LiveChat



Access to thousands of databases and libraries

- Immediate deployment



A 100% online ready-to-code environment

- Virtual Classroom
- Comprehensive weekly reports sent to managers and HR managers



More than 2 000 hours of content

- Business-oriented boxes
- Content available in French and English



OUR TEACHING METHOD

2. Personalized follow-up

Our mission: to guarantee a 100% completion rate

To achieve this, DataScientest ensures that all learners have the **required follow-up** for each course. This means offering personal and classroom experiences - online - to benefit from professors' experiences and reduce the frustration that self-learning can cause.



Understand

DataScientest defines specific **prerequisites** for each job and the **training methods** agreed upon with you.

The goal is to allow candidates to choose the training that best meets the company's **needs** and **skills**.

Regular coaching sessions and masterclasses make sure everyone gets the right support, while guaranteeing flexibility.

Advice & Follow-up

The **faculty** is constantly managing the support service to ensure maximum **responsiveness** to learners.

Each **continuous** test is corrected **manually** to guarantee the **quality** of the correction.

In addition, our teachers are **available** at all times to help our **learners** who are **experiencing** difficulties.

OUR TEACHING METHOD

3. Big Data Project

During this training, students will conduct a **data project in trinomials**. This project is an opportunity for learners to **put into practice** the skills they have developed (Data Scientist, Data Analyst or Data Management) in the framework of a **project** that meets your **company needs**.

The cohort leaders will be in **constant contact (bi-weekly basis)** with your employees to **discuss their project, coach them** and **provide them with all the assistance they need** to make good progress.



Project **selection workshop** with your company's data managers



Data project conducted by a **trio** from the same cohort



Regular meetings between data managers and the DataScientest **teaching team**



A personalized follow-up guarantees its realization and its conversion into a **real deployed project** (see industrialized projects)



The data needed for the project **are not hosted on our platform**



PEDAGOGICAL SUMMARY



Our 3 pillars ensure a real **Learning by Doing** approach. This is materialized each step of the way through a **reversed-campus** pedagogy, depicted by the following steps, which are repeated throughout a course.

1 Sprint *E-learning*

Our training modules are divided into a **series of exercises called sprints**. Each sprint relates to a specific **theme and simulates business use cases**. To complete the sprint, the learner progresses at his **own pace** while being **supervised** by our support team composed of **Data experts**.

2 Tests *E-learning*

The learner is invited to **take an exam** to test their new skills **online**. The user will process a **business case under exam conditions**. The exam papers are then corrected by **our internal team** (15 Data Scientists) via a **semi-automated** correction method.

4 Masterclass *Video conference*

The training courses are punctuated by **Masterclasses**. These coaching sessions are an opportunity to review **completed sprints**, introduce **new training modules**, answer any questions, **advance on the core project** and synthesize all the **skills acquired** through a business use case.

3 Project *Video conference*

At the launch of each cohort, the learners, divided into **groups of three**, must select a data project to work on, which they will then have to **present to our educational teams**. During this project, the students will **test various skills: teamwork, exchanges around data subjects, data storytelling, and unclean data**.



I. RESKILLING

Reskilling is at the **heart** of our pedagogy. Our format, content and approach is built to **ensure** trainees are guided throughout their journey with a core **learning-by-doing** pedagogy to make sure learners are **truly** operational by the end of their course.

1

DATA ANALYST



2

DATA STEWARD



3

DATA SCIENTIST



4

DATA ENGINEER



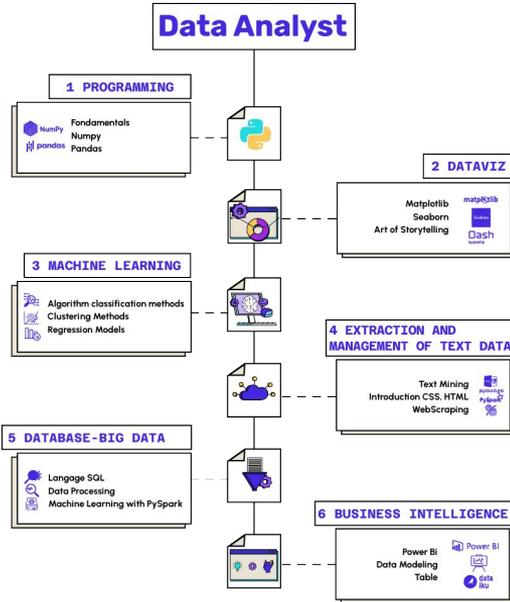
5

DATA PRODUCT
MANAGER



I. RESKILLING

1. Data Analyst



Mastering **analysis techniques** (statistical & quantitative)



Determine **trade requirements** in the Information System (IS)



Master **analysis tools** (UML, Power Query) and data visualisation tools (SQL, SAS, etc.)



Analysing and representing **data**



Mastering **analysis techniques** (statistical & quantitative)



Be aware of the **technical watch** and the **innovations** and **updates** of the tools used.

OUR TRAINING PROPOSAL

Involvement summary *Data Analyst*

I. Training

220 hours
of e-learning training coached in total

IV. Involvement

8 hours
of involvement per week

II. Duration

6 months
training

V. Project

80 hours
dedicated to the Big Data project

III. Languages

French / English
(support available in Spanish & German)

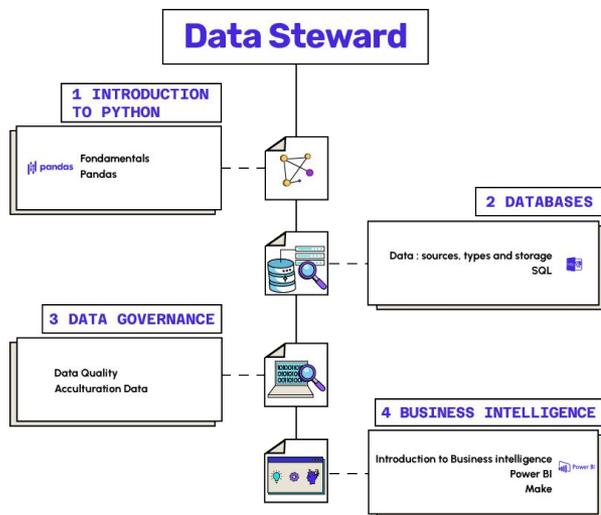
VI. Time zones

All Time zones available



I. RESKILLING

2. Data Steward



Available in Part-time (3 months)



Develop and implement the **data strategy**



Understanding **IS technologies**



Define the **data management** and **governance strategy**



Manage **Data Quality**



Implement **data management** and **governance**



Be aware of the **technical watch** and the **innovations** and **updates** of the tools used



Mastering **databases**

OUR TRAINING PROPOSAL

Involvement summary *Data Steward*

I. Training

90 hours
of e-learning training coached in total

IV. Involvement

6 hours
of involvement per week

II. Duration

4 months
training

V. Project

30 hours
dedicated to the Big Data project

III. Languages

French / English
(support available in Spanish & German)

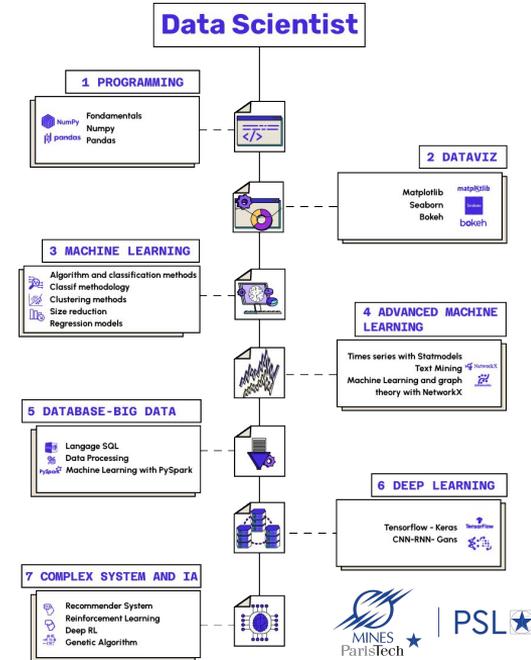
VI. Time Zones

All Time Zones available



I. RESKILLING

3. Data Scientist



Available in Full-time (11 weeks)
or Part-time (9 months)



Mastering **analysis techniques** (statistical & quantitative)



Mastering **AI technologies** (Machine Learning, Deep Learning...)



Mastering **Data analysis programming languages** (Python,SQL)



Mastering **databases**



Create **analysis models**



Be aware of the **technical watch** and the **innovations** and **updates** of the tools used



Mastering **Data Lab tools**

OUR TRAINING PROPOSAL

Involvement summary *Data Scientist*

I. Training

280 hours
of e-learning training coached in total

IV. Involvement

8 hours
of involvement per week

II. Duration

9 months
training

V. Project

120 hours
dedicated to the Big Data project

III. Languages

French / English
(support available in Spanish & German)

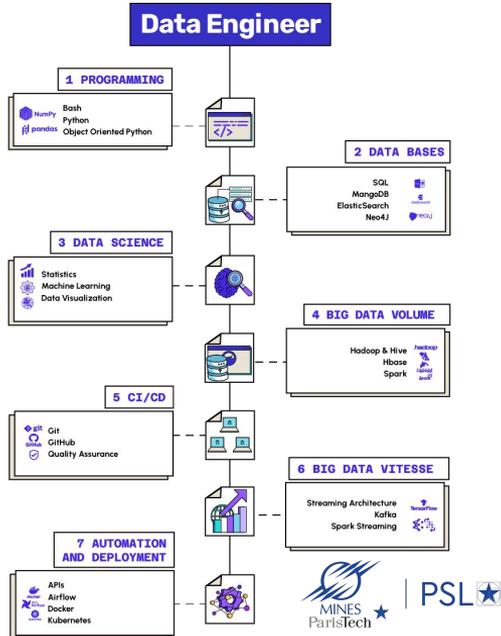
VI. Time Zones

All Time Zones available



I. RESKILLING

4. Data Engineer



Available in Full-time (11 weeks)
or Part-time (9 months)



Design and develop **data software** and **applications**



Master the data of the **Information System**



Analyze and represent **data**



Ensure **data quality**



Implement **data management** and **governance**



Be aware of the **technical watch** and the **innovations** and **updates** of the tools used



Master **databases**

OUR TRAINING PROPOSAL

Involvement summary *Data Engineer*

I. Training

280 hours
of e-learning training coached in total

II. Duration

9 months
training

III. Languages

French / English
(support available in Spanish & German)

IV. Involvement

8 hours
of involvement per week

V. Project

120 hours
dedicated to the Big Data project

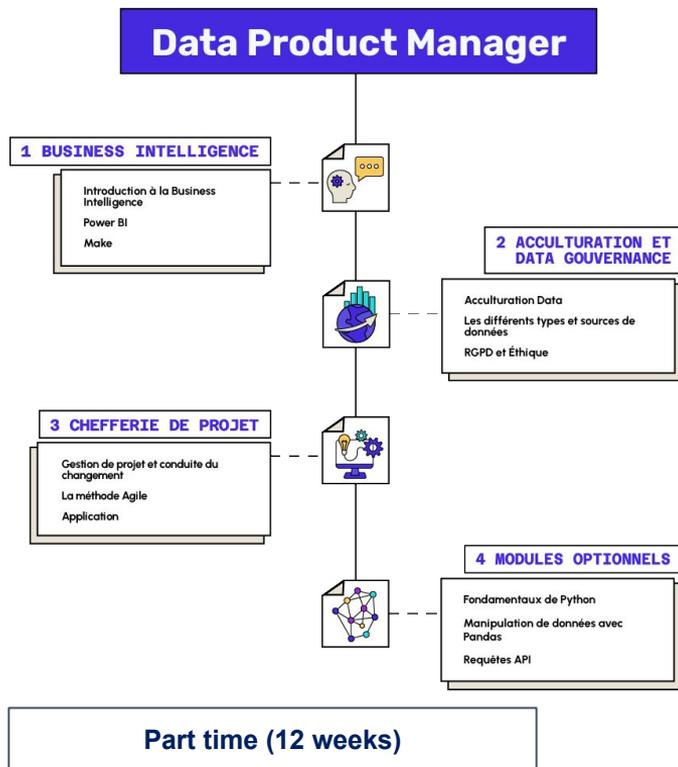
VI. Time Zones

All Time Zones available



I. RESKILLING

5. Data Product Manager



Master **analysis tools** (UML, Power Query)



Drive an **AI strategy** for the enterprise



Master a **data analysis programming language** (Python)



Know the **development process** and **project management tools** (JIRA, Gantt chart...)



Choose the **most suitable project management method** (Scrum, Kanban)



Be aware of **technical monitoring** and **innovations** and **updates** relative to the tools used



Create **data flows** between applications and perform operations via the various **APIs**

OUR TRAINING PROPOSAL

Involvement summary *Data Product Manager*



I. Training

115 hours
of e-learning training coached in total

IV. Involvement

8 hours
of involvement per week

II. Duration

12 weeks
training

V. Project

30 hours
dedicated to the Big Data project

III. Languages

French / English
(support available in Spanish & German)

VI. Time Zones

All Time Zones available



II. UPSKILLING

1 Expert Tracks

Data Science is **an ever-growing topic**, bound to **research and evolving** at a rapid pace.

In order for even the most technical profiles to **stay up to date**, or **upskill** on new and exciting tools, we offer **Expert tracks** aimed at **professional Data Scientists**.

2 Specific Tools Tracks

Proprietary tools have seen their importance multiply across the years.

From BI to Data cleaning, deployment and cloud computing, the tools of tomorrow are undoubtedly the ones that will make the most difference for companies. Their mastery is **henceforth crucial for efficiency, adoption and security**.



II. UPSKILLING

1. Expert Tracks

See Annex 5

ML Ops

4 Months - Part Time

Aimed at **Data Scientists** that wish to **develop** their skills in the deployment of their models on a large scale.

Deep Learning fundamentals

10 weeks - Part Time

Aimed at **Data Scientists** that wish to discover and get a first but intensive experience in the complex field that is **Deep Learning**.

Deep Learning for Computer Vision

15 weeks - Part Time

Aimed at **Data Scientists** that wish to **master** the field of **Computer Vision** and apply it to concrete business cases.

Deep Learning for Natural Language Processing

15 weeks - Part Time

Aimed at **Data Scientists** that wish to **master** the field of **Natural Language Processing** for company applications across many possible fields.



II. UPSKILLING

See Annex 6

2. Specific tools tracks

Discover our 1 to 5 days intensive courses focusing on **acquiring** skill - and **certifying** those skills - on Cloud computing and Business Intelligence's biggest tools.



Power BI

- **Fundamentals**
- **PL900**
- **PL-300**



- **DP203:** Azure Data Engineer Associate
- **AZ900:** Azure Fundamentals
- **AZ104:** Azure Administrator Associate
- **AZ500:** Azure Security Engineer Associate
- **DP900:** Azure Data Fundamentals
- **AI900:** Artificial Intelligence with Azure



- **Solution Architect**
- **Cloud Practitioner**
- **Developer Associate**
- **ML speciality**
- **Data Analysis**

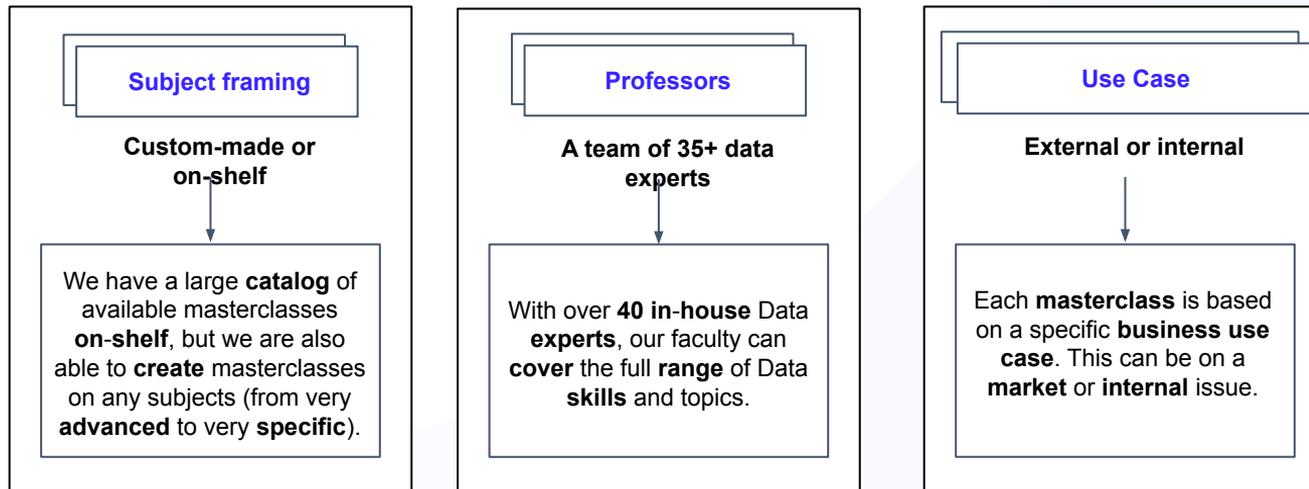


III. DATA CULTURE

1. Community Animation

Creating and animating a Data community is an **essential** element to ensure continuous **skill enhancement**, good **communication** between teams and the **retention** of employees.

To achieve this goal, DataScientest offers a large catalogue of **Masterclasses** (for beginners or experts), as well as the organization of **Data Challenges**.

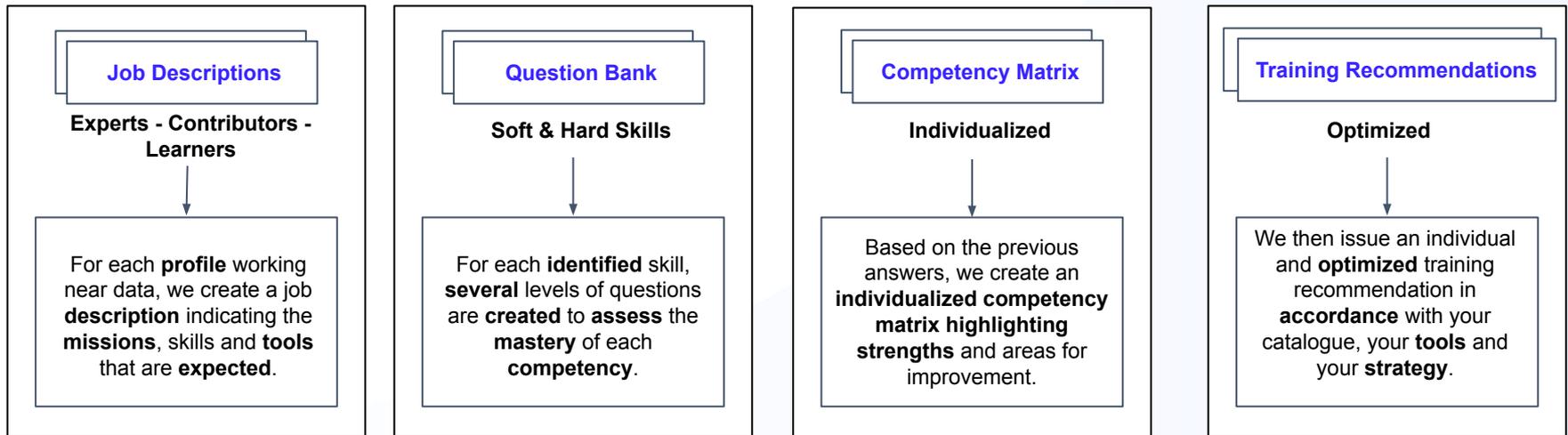


III. DATA CULTURE

2. Skill Audit

At the intersection of Human Resources and Data, we work with you in the creation of a **skills repository**, **job description** and an **individual skills matrix** for your employees working with or near Data.

Following this matrix, we make **individualized training recommendation**, based on your **catalog**.



Thank You



yoel@datascientest.com



nathan@datascientest.com

