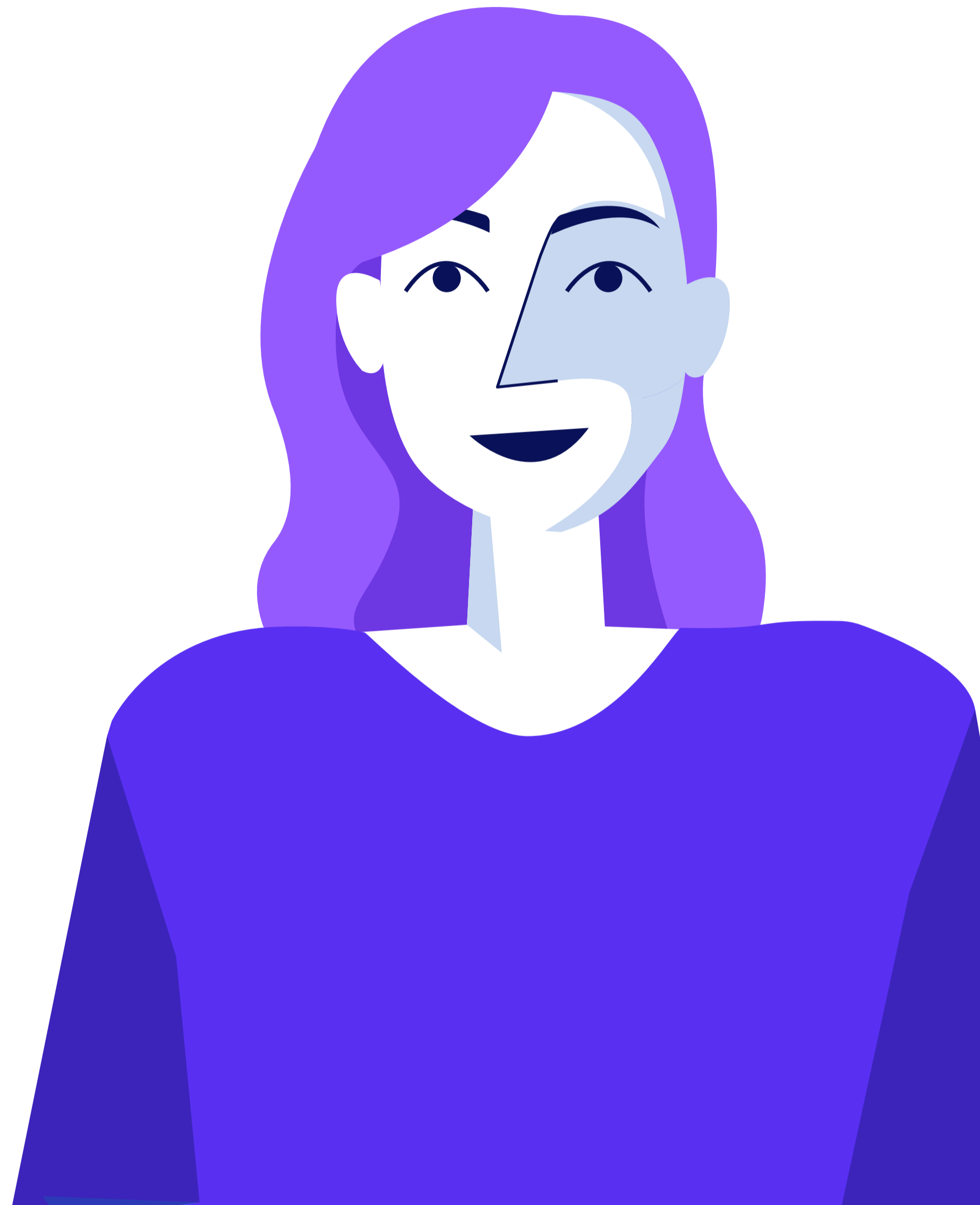


DATA Analyst

If the **data professions** are constantly developing, it is essential to **define** each of them in order to better understand the current expectations of companies and thus **align training** and **hiring opportunities**.

Amongst them, we find the **Data Analyst**:
expected skills, tools, **evolution perspectives** and **salaries** - in a few minutes you will have all the information you need about **this fast-growing job**.



THEIR MISSIONS

The **Data Analyst** processes data to **extract information** to **address specific issues**.

They must **identify the data needed for analysis** and visualisation of the data for future users.

It also goes through a step of **quality control of available data**.

They highlight trends and **identify new opportunities**.

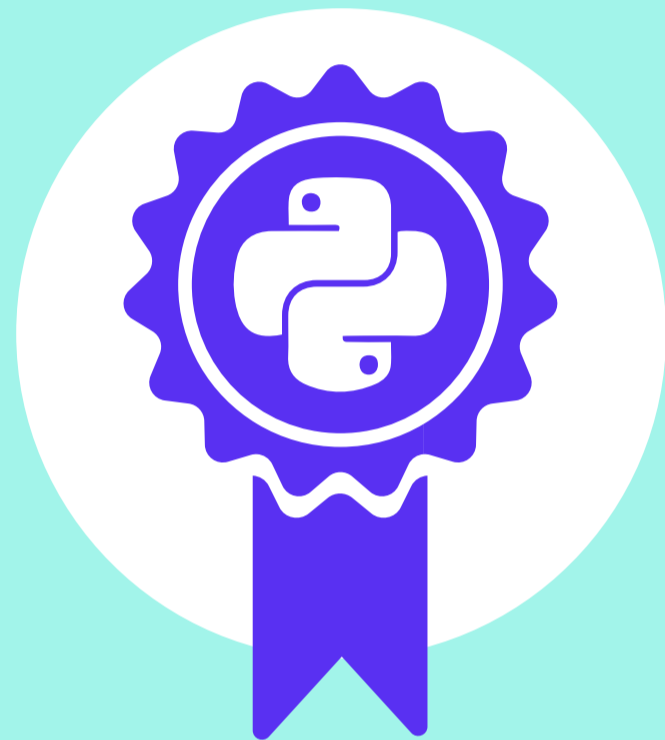
Finally, they can participate in **raising awareness** of the different teams **in the world of data**.



They will proceed to the **cleaning of the data** to discover trends and **usable information**.

They must also **create reports** on their findings to **communicate** them to the rest of the company and its shareholders.

THEIR SKILLS



From a **technical** point of view, a Data Analyst must master **programming languages** such as **Python** and to a lesser extent **R** and **SAS**.

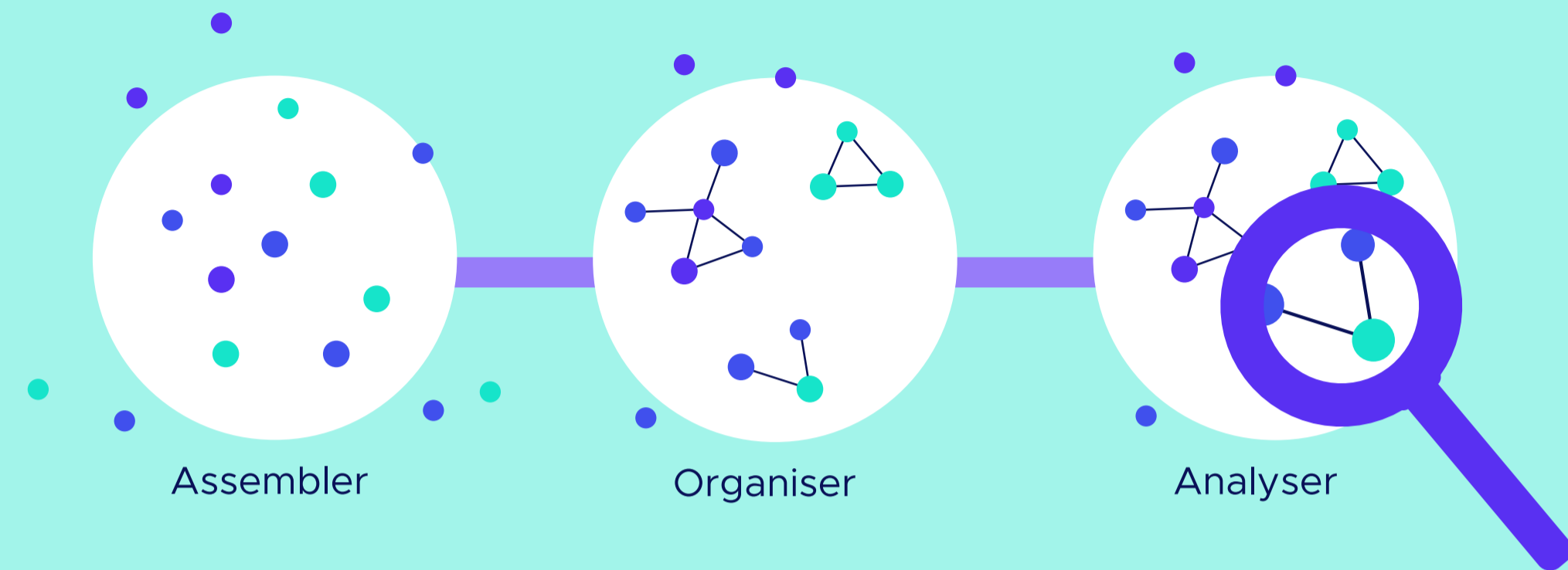


Data Visualisation is one of the key skills of the **Data Analyst**. They must be able to understand what type of graphics to use depending on the data and the audience. The **Data Analyst** must therefore master data **analysis** and **visualisation tools**.



Data is usually stored in **SQL** structured relational **databases**, and the **Data Analyst** must know how to work with this type of **database**.

These languages will allow them to **assemble data, clean it, perform statistical analysis** and **design data visualisations**. They will have to master statistical and quantitative analysis techniques.



The **Data Analyst** must have certain **cross-cutting skills**: They must be able to **communicate their results** with ease, both in writing and orally, and demonstrate a **critical and analytical mind**. **Curiosity** and **creativity** are two qualities that set you apart from the competition.

They must be able to adapt to change and keep abreast of **technological advances** that may have a direct impact on their work.



THEIR TOOLS

There are a wide variety of data analysis tools

The **Jupyter Notebook** system makes it easy to test code with notebooks.

The **Github** platform allows them to develop and share technical projects.

For their dataviz works, tools on **Python** such as **Matplotlib** or **Seaborn** will be of great help.



In **Business Intelligence**, **Tableau** and **Microsoft Power Bi** are frequently used to aggregate and analyse data. They allow you to create dashboards and data visualisations to share with the rest of the company.

THEIR SALARY

In July 2020, **DataScientest** conducted its **own survey** on the salaries of various "Data Jobs". This study, conducted with the Chief Data Officers of about **thirty CAC 40 companies**: Allianz, Axa, BNP, BPCE, Crédit Agricole, ...

Average Salary :

Junior : **41k €**

+ 3 years of experience : **51k**

According to them, the salary range of a **Data Analyst** in France is very wide since the average remuneration can vary from **35,000 euros to 60,000 euros per year**; the experience and the business knowledge being decisive factors for the salary scale.



THE NECESSARY TRAINING

After studying the precise expectations of companies in their recruitment of **Data Analysts**, and following the current evolution of the profession, **DataScientest** has built a course with one objective: to be **operational at the end of the training**.

6 blocks allow students to acquire all the essential skills: **Programming, Dataviz, Machine Learning, Text Data Extraction and Management, DataBase (SQL language), Big Data and Business Intelligence.**



To allow as many people as possible to take the course, two formats have been developed (**intensive in 9 weeks** or **continuous over 6 months**). Training launches are planned every month.

**Do not
hesitate to
contact us**



**for any
information
you may
require**