


# CORENTIN DUCLOUX

<https://cducloux.quarto.pub> 



Tours / Lyon, France



06 95 58 82 76



[CDucloux](#)











[Corentin Ducloux](#)



[corentin\\_ducloux@outlook.fr](mailto:corentin_ducloux@outlook.fr)



## SKILL SET

-  **Data Visualisation:** Python (plotly) - PowerBI - R (ggplot2)
-  **Data Manipulation:** SQL - Python (polars, pandas, duckdb)
-  **Machine Learning:** Sklearn - Tidymodels
-  **Data Apps Frameworks:** Streamlit - Shiny
-  **Devops:** Git - Github Actions - Docker
-  **Reporting:** Quarto - Rmarkdown - L<sup>A</sup>T<sub>E</sub>X
-  **Cloud Data Warehousing:** Snowflake
-  **Web Development:** HTML - CSS

Graduated with a master's degree in Business Economics, I am seeking a position as a **Data Engineer** starting from September 2024. With several internships completed within Data/Analytics teams in the industry, I have accumulated close to a year of hands-on experience in the field. Feel free to check out my website ([cducloux.quarto.pub](https://cducloux.quarto.pub)) !

## WORK EXPERIENCE

April 2024  
↔ Sep. 2024



### EDF: Data Engineer (Internship)

 Tours

- Migration of a dataviz app from R to Python, with a CI/CD pipeline and various added features.
- Development of a Shiny app generating automated reports on the safety impacts related to the loss of control cabinets for the Hinkley Point C EPR, in order to comply with the Office for Nuclear Regulation.
- Creation of data pipelines using duckdb + polars, pydantic for data validation, and airflow for orchestration.

April 2023  
↔ Aug. 2023



### Safran Seats: Data Analyst & BI Developer (Internship)

 Issoudun

- Production ready Python solution ensuring cross-tool data quality and consistency.
- Tables, views and stored procedures migration from SQL Server to Snowflake as part of the *Legacy* decommission (Operational Data Store).
- Lead time analysis and manufacturing order tracking dashboard on PowerBI.
- Deployed 4+ functional and optimized dashboards on the company PowerBI Report Server.

June 2022  
↔ Aug. 2022



### Crédit Agricole Titres: Back Office Analyst

 Mer



- Dashboard to manage banking mobility activity using PowerQuery & PowerBI.
- Development of a prioritization system for processing shared email inboxes using VBA.
- Automation of multi-file Word exports to PDF.

## EDUCATION

2022 — 2024

### Business economics master's degree: Data & Business Intelligence

 University of Tours

- *Project:* Wine prices estimation app using Streamlit and Docker →  [wine-scraping](#)
- *Project:* Econometric analysis of smartphone pricing efficiency →  [smart-specs](#)

| Big Data | RDBMS | Software Engineering with Python | Microeconometrics | Machine Learning  
| Data Mining | Exploratory Data Analysis | Web scraping | APIs | Pricing |

2018 — 2022

### Business economics bachelor's degree

 University of Tours

| Econometrics | Statistics | Probabilities | R | Microeconomics | Excel | VBA |

## LANGUAGES

**French** – (Native)

**English** – (C1)

↔ **TOEIC**® : 920/990

## DATA CAMP CERTIFICATIONS

Intermediate SQL & Data Manipulation in SQL

Data Modeling in PowerBI, DAX Functions

## INTERESTS

Mathematics and computer science courses

Practice of synth and electric bass

Swimming