

NOUHAILA LACHGAR

Digital Information Engineering



• Nouha004



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About

I am a student at the **school of Information Sciences**, a BI enthusiast and I am developing my skills through personal projects and certifications

Experience

Nouvelle Aveiro Maroc

Agadir : July–Present

- Scheduled ETL using SSIS, with a dashboard of the main KPIs based on the business requirements
- **Used tools :** PowerBI
- **Soft Skills :** Business Requirements Analysis

*Deloitte Australia (Via Forage)

Remote : May 2025

- Data Analysis using PowerBI : I analysed data from a JSON file using PowerBI, learnt how to make visual filter using charts and how to make conditional columns based on another column's values
- **Used tools :** PowerBI
- **Soft Skills :** Business Requirements Analysis

TATA Groups (Via Forage)

Remote : April 2025

- Dashboard Creation : I Transformed data based on the business requirements, then I built a dashboard plus a storytelling via an explanatory video
- **Used tools :** PowerBI
- **Soft Skills :** Data Storytelling, Business Requirements Analysis

Concentrix (ex : Webhelp)

Agadir : July–August 2024

- Developing a web application for scholar internship application called Concentresi : An application between ESI students and Concentrix
- **Used tools :** MS IIS, PHP, MySQL
- **Soft Skills :** Team work, Work environment Exploration, Troubleshooting, Problem solving

Personal Projects

Data Visualisation : For Film Shooting

April 2025

- **Built** a dashboard for film shootings by visualising KPIs like the directors, time series trends ...
- **Used tools :** PowerBI

ETL pipeline implementation for OpenMeteo's API

January 2025

- **Extracted Data from the API to a JSON file, transformed temperature data using a fonction plus a manipulation of calendar data, then loaded data to a postgres database**
- **Used tools :** API, Python (including Pandas, SQLAlchemy), PostgreSQL

Projet BI : AdventureWorks' Internet Sales Analysis and Visualization

November–December 2024

- **Analysed** a Microsoft DataWarehouse (AdventureWorks) to extract and transform required data in the business requirement, then **implemented** a *Star Schema* model, and **built** a PowerBI dashboard
- **Used tools :** MS SQL Server, SSMS, PowerBI

Skills et Certifications

- **Technologies et Languages :** PowerBI, MS SQL Server, SMSS, MySQL, PostgreSQL, Python, SQL
- **Skills :** Data Analysis, Data Cleaning, Data Modeling, Data Visualisation
- **Certifications :** Agile Project Management Certification, *DataCamp* DataWarehousing Concepts, *DataCamp* ETL and ELT in python, *DataCamp* Introduction to DAX

Extracurricular

Club of CODE-ESI's Media Head
Graphic Designer

Languages

- French
- English
- Arabic