# **Diego Casas Barcenas**

## **Looking for a Data Science Internship**

## CONTACT



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Linkedin



innatealloy6.github.io/Portfolio1/

## SKILLS

Research, gather and treatement of data

- Coding languages: Python, SQL, SAS, CSS, HTML and R
- Office suite: Excel, Word, PowerPoint, PowerBI, Project, Access
- Adobe suite and 3D tools: Photoshop,
  Premiere, Sketch UP and Solid Works

Reporting and datavisualisation

**Problems resolution** 

**Project Managment** 

Communication with clients

#### LANGUAGES

- · French, fluent
- English, fluent. (IELTS 2022, level C1)
- Spanish (Natif)

## **EDUCATION & QUALIFICATION**

Bachelor Universitaire de Technologie - SD - VCOD
 IUT de Paris Rives de Seine, Université Paris Cité 2023 - Nowadays

I am currently in my second year of a 3-year Technological Bachelor's program in Data Science, with a specialized focus on the Visualization and Design of Decision-Making Tools. This program equips me with a solid foundation in data analysis, statistical modeling, and the creation of innovative tools to support informed decision-making in various industries. Through coursework and hands-on projects, I am developing expertise in translating complex data into actionable insights using advanced visualization techniques.

#### Baccalauréat STI2D - ITEC

Lycée Franco Mexicain LFM - Mexico City, Mexico. 2018 - 2021

French Technological High School Diploma in Industrial and Sustainable Development, with a specialization in Technological Innovation and Eco-Conception. This program provided me with a strong foundation in sustainable practices, innovative design processes, and environmentally conscious development. I gained valuable experience in integrating eco-friendly solutions into industrial projects, focusing on reducing environmental impact while fostering technological advancements.

## **REFERENCES**

• Darnois Stephan

Professor of Reporting and Data Visualization

Email: s.darnois@gmail.com

• Claire Stephan

Professor of Professional English

Email: claire.stephan@u-paris.fr

• Arturo Ascencio

Commercial Director at Communica

Email: communica.com.mx

## ACADEMIC PROJECT

#### Project: SID (Decision Support Information Systems) 01/23/2025

This project involved conducting autonomous research on multiple databases relevant to our chosen theme: e-commerce. Our objective was to explore and analyze data to develop meaningful insights into online sales trends and behaviors.

To achieve this, we selected and worked with three datasets sourced from Kaggle, all focused on online video game sales. The project was structured into three key phases:

- 1. Conceptualization and Data Structuring:
  - Designed the relational schema, including identifying dimensions, separating fact tables, and defining potential relationships between datasets.
  - Conducted an in-depth analysis of data dimensions and ensured a logical structure to facilitate meaningful insights.
- 2. Data Cleaning and Modeling with Power BI:
  - Performed extensive data cleaning to prepare the datasets for analysis, including handling missing values and inconsistencies.
  - Created and added new variables to enrich the data.
  - Modeled the relational schema directly within Power BI, ensuring proper alignment between dimensions and fact tables.
  - Developed multiple interactive dashboards to visualize and analyze key variables and uncover valuable insights into online video game sales performance.

#### 3. Final Report Writing:

 Compiled a comprehensive final report summarizing the project methodology, analysis, and findings, supported by visualizations and data-driven conclusions.

This project enhanced my skills in data modeling, visualization, and the practical application of Power BI for decision-making purposes, while also strengthening my ability to work with a team on database research and analysis.

## PROFESSIONAL EXPERIENCE

#### • Lead technician at Communica 02/2022 - 09/2023

During my break between studies, I worked at Communica, a company specializing in the design, management, and installation of professional digital equipment. Their services include providing solutions for cameras, streaming, audio, lighting, LED screens, video mapping, and video editing for events such as conferences, celebrations, meetings, and presentations.

My role involved a combination of technical expertise, team coordination, and client interaction:

- Team Management and Equipment Installation:
  - Supervised and coordinated installation teams to ensure the efficient setup of technical equipment, including cameras and streaming systems.
  - Personally participated in the installation and configuration of audiovisual tools for events, ensuring timely and professional execution.
- System Functionality and Troubleshooting:
  - Monitored the performance and functionality of all equipment during events, proactively addressing technical issues to maintain seamless operations.
- Client Interaction:
  - Acted as a point of contact for clients, ensuring their requirements were met and providing real-time technical support during events.
- · Reporting:
  - Drafted detailed reports summarizing project execution, technical issues encountered, and suggestions for improvement to optimize future operations.

This experience allowed me to develop strong skills in technical coordination, problem-solving, client communication, and hands-on expertise in professional audiovisual equipment, all within the high-pressure environment of live event management.

#### HOBBIES

#### • Hobbies and Interests

• Photography:

I have a particular passion for photography, with a focus on urban and macro photography. Through photography, I express my ideas and creativity while showcasing the world through a distinctive lens.

• Dungeons & Dragons:

As the Dungeon Master for my table, I take on the role of designing and leading various adventures and challenges for the players. This hobby enables me to channel my creativity and imagination by crafting intricate stories, developing engaging characters, and designing detailed maps for our campaigns.

• Chess and Reading:

While distinct in their nature, chess and reading share a common value for me, they both help improve my concentration, critical thinking, and relaxation. Chess sharpens my strategic planning and decision-making skills, while reading allows me to explore new ideas and perspectives, further fueling my personal growth and curiosity.