ÓSCAR BARTOLOMÉ PATO

DATA ENGINEER WITH STRONG BACKGROUND IN DATA SCIENCE & ANALYSIS

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ACADEMIC BACKGROUND AND WORK EXPERIENCE

JUNE 2010
COMPUTER ENGINEERING
Deusto University
Bilbao, Spain

JULY 2011
OCTOBER 2016
C++ DEVELOPER
BTI Biotechnology Institute
Vitoria-Gasteiz, Spain

SEPTEMBER 2017
NOVEMBER 2023
DATA ARCHITECT
Lantek
Miñano (Álava), Spain

MARCH 2018
FEBRUARY 2019
MÁSTER'S DEGREE IN BIG DATA & BUSINESS ANALYTICS
Miguel de Cervantes European University
Valladolid, Spain

NOVIEMBER 2020
FEBRUARY 2021
DIPLOMA IN ADVANCED FOOTBALL ANALYSIS USING VIDEO AND TRACKING/EVENT DATA
Sports Data Campus

NOVEMBER 2020
DECEMBER 2021
MÁSTER'S DEGREE IN STATISTICS & MACHINE LEARNING USING R
Nebrija University
Madrid, Spain

APRIL 2021
PRESENT
FOUNDED DATA KICKS
Started as a football analytics blog
Evolved into a startup specizing in developing solutions for football data analysis

NOVEMBER 2023
SEPTEMBER 2025
FOUNDED AOFUT DATA SOLUTIONS
Football data consulting startup focused on advanced analytics and scouting solutions

FEBRUARY 2025
MARCH 2025
VISITING PROFESSOR IN THE MASTER'S IN SPORTS BIG DATA AND FOOTBALL SCOUTING
European University of Madrid, Spain
Module on Applications and Programming in R

TECHNOLOGIES

DATA COLLECTING
Python: Request, Selenium and Beautiful Soup

DATA WRANGLING
R: Tidyverse, Arrow
Python: Pandas, Numpy and Polars
Advanced SQL

DATA STORING
Datawarehouse: MySQL, MSSQLServer
Datalake: Parquet, AWS S3
Datalakehouse: Delta Lake

DATA VISUALIZATION
R: Ggplot, Shiny and Quarto

STATISTICS AND ML MODELS
R: Caret and Tidymodels

ADDITIONAL INFO

DATA PROVIDERS
I have experience working with data from the following data providers:
- Wyscout (Aggregated data)
- Stats Perform (Eventing data)
- Statsbomb (Eventing Data)
- SkillCorner (Tracking Data)

SAN VIATOR CD DATA ANALIST
Collaboration with San Viator CD Juvenil performing the following tasks:
- Match video recording and live data collection
- Data integration into a R Shiny web app (self-developed)
- Video cutting of key match actions

POSIT CLOSEREAD PRIZE WINNER 2025
EURO 2024 Final Scrollytelling Analysis
https://posit.co/blog/closeread-prize-winners/

www.data-kicks.com