

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** ● **C++ DEVELOPER**
BTI Biotechnology Institute
- OCTOBER 2016** ● **DATA ARCHITECT**
Vitoria-Gasteiz, Spain
- SEPTEMBER 2017** ● **DATA ARCHITECT**
Lantek
- NOVEMBER 2023** ● **DATA ARCHITECT**
Miñano (Álava), Spain
- MARCH 2018** ● **MÁSTER'S DEGREE IN BIG DATA & BUSINESS ANALYTICS**
Miguel de Cervantes European University
Valladolid, Spain
- FEBRUARY 2019** ● **MÁSTER'S DEGREE IN BIG DATA & BUSINESS ANALYTICS**
- NOVEMBER 2020** ● **DIPLOMA IN ADVANCED FOOTBALL ANALYSIS USING VIDEO AND TRACKING/EVENT DATA**
Sports Data Campus
- FEBRUARY 2021** ● **DIPLOMA IN ADVANCED FOOTBALL ANALYSIS USING VIDEO AND TRACKING/EVENT DATA**
- NOVEMBER 2020** ● **MÁSTER'S DEGREE IN STATISTICS & MACHINE LEARNING USING R**
Nebrija University
Madrid, Spain
- DECEMBER 2021** ● **MÁSTER'S DEGREE IN STATISTICS & MACHINE LEARNING USING R**
- APRIL 2021** ● **FOUNDED DATA KICKS**
Started as a football analytics blog
Evolved into a project specialized in developing solutions for football data analysis
- PRESENT** ● **FOUNDED DATA KICKS**
- NOVEMBER 2023** ● **FOUNDED AOFUT DATA SOLUTIONS**
Football data consulting project focused on advanced analytics and scouting solutions
- SEPTEMBER 2025** ● **FOUNDED AOFUT DATA SOLUTIONS**
- FEBRUARY 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
- MARCH 2025** ● **VISITING PROFESSOR IN THE MASTER'S IN SPORTS BIG DATA AND FOOTBALL SCOUTING**
- MAY 2026** ● **FOUNDED S³ SMART SPORTS SYSTEMS**
<https://www.s3-football.com/en/>

TECHNOLOGIES

- **DATA COLLECTING**
Python: Request, Selenium and BeautifulSoup
- **DATA WRANGLING**
R: Tidiverse, Arrow
Python: Pandas, Numpy and Polars
Advanced SQL
- **DATA STORING**
Datawarehouse: MySQL, MSSQLServer
Datalake: Parquet, AWS S3
Datalakehouse: Delta Lake
- **DATA VISUALIZATION**
R: ggplot2, 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 & Dynamic Events 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/closerread-prize-winners/>
- **SKILLCORNER X PYSPOORT ANALYTICS CUP FINALIST 2026**
Dynamic Skills Finder project, finalist at the Analytics Cup
<https://landing.skillcorner.com/event-2026/analytics-cup-2026-presentations>