



Adrián Hinojosa Calleja, PhD

Data Scientist

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A Data Scientist and PhD Mathematics, specializes in Probability & Statistics. Experience with Machine Learning, Time Series Forecasting, and Gaussian Noises Analysis. +10 years teaching Mathematics.

Educational Background

PhD Mathematics

Universitat de Barcelona, 2022
Cum Laude

Master Mathematical Sciences

TU Berlin, Germany, 2016

Degree Mathematics

UNAM, Mexico, 2013
Graduated with honors

Certificates

Business Intelligence

Barcelona Activa, 2022

Data Science with Python

Barcelona Activa, 2022

Functional Data Analysis

UAB, 2018

Technical Skills

- Python
- R
- SQL
- Power BI
- Java

Soft Skills

- Problem resolution
- Critical thinking
- Teamwork
- Leadership

Work Experience

Predoctoral Researcher

Universitat de Barcelona
April 2017 to January 2022
Researcher in Stochastic Partial Differential Equations.
Teacher's assistant of Probability and Statistics courses.

Mathematics Teacher

Logos Middle School
August 2012 to June 2014
Teacher of Mathematics I and III courses.

Projects

Zero Deforestation Mission

Convolutional Neural Network model fitted to predict the deforestation level of a satellite image set from Indonesia.

CDMX Salaries

Analysis of the salaries distribution of the Mexico City Government public servants.

Decathlon IT Academy Hackathon

1st place. Classification model which predicts if a client will buy or not an available product on a webpage.

Barcelona Air

Time Series Analysis of pollution concentrations in a neighborhood of Barcelona.

Space X

3rd Place in the Talent Squad-Data Science Challenge.
Classification model to predict the states of turbulence from a space rocket.