



# Adrián Hinojosa Calleja, PhD

## Data Scientist

Barcelona - 611 03 31 20 - [hinojosa.a@gmail.com](mailto:hinojosa.a@gmail.com)  
[linkedin.com/in/adhinojosa](https://www.linkedin.com/in/adhinojosa)  
[hinojosaad.github.io](https://hinojosaad.github.io)

A Data Scientist and PhD Mathematics, specializes in Probability. Machine Learning experience with pandas, statsmodel, and sklearn Python's libraries. +10 years teaching mathematics at different educational levels.

### 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

#### Data Science Bootcamp

It Academy, 2022

#### Introduction to Functional

#### Data Analysis with R

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.

### Organization Experience

#### Organizer

Barcelona's Probability Seminar  
*January 2021 to March 2022*

#### Member of the Executive Board

Institut de Matematiques de la Universitat de Barcelona  
*November 2017 to January 2022*

### Projects

#### Decathlon IT Academy Hackathon , 2022

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

#### Barcelona Air, 2022

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

#### Space X, 2022

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