Adrián Hinojosa Calleja

Data Scientist | Ph.D. Mathematics

Barcelona - 611 03 31 20 - hinojosa.a@gmail.com
linkedin.com/in/adhinojosa
hinojosaad.github.io

A Data Scientist and Ph.D. 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
- Java
- LaTex

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 Mathematics 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

Data Science Projects

Barcelona Air, 2022
Time Series Analysis of N02 and PM10 concentrations between 2019 and 2022 in a neighborhood of Barcelona. An ARIMA forecasting model was fitted with Python and R.

Space X, 2022
3rd Place in the Talent Squad-Data Science Challenge. Classification model to predict the states of turbulence from a space rocket. Python's sklearn library was used in this project.