



Prof. Pedro Larrañaga
Prof. Concha Bielza
Campus de Montegancedo s/n
28660 Boadilla del Monte, Madrid

Madrid, June 27th, 2025

To whom it may concern,

Pedro Larrañaga and Concha Bielza, as directors of the *Madrid UPM Machine Learning and Advanced Statistics Summer School*, certify that Mr./Ms. **Alex Crespillo Lopez** has attended the courses:

- *Time Series*
- *Supervised Classification*
- *Deep Learning*
- *Explainable Machine Learning*
- *Feature Subset Selection*

Each course consisted of 15 lecture hours. The summer school took place from June 16th to June 27th, 2025, at the School of Computer Science of the Technical University of Madrid.

Sincerely yours,

Prof. Pedro Larrañaga

Prof. Concha Bielza