



Ignacio Ordovás Pascual

DATA SCIENTIST

Artificial Intelligence &
Analytics (AIA)
Cognizant

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PROFILE SUMMARY

Ignacio has many years of analytical experience and recently started to fully adapt to a professional environment where he was involved in a cross functional client's project as well as several internal projects involving ML pipelines.

His experience helps him apply skills like teamwork, meeting deadlines, and communicating results and complex ideas effectively to a non-technical audience. He is a curious and fast learner of latest techniques in data science.

Areas of expertise

- Advanced Python Programming
- Natural Language Processing
- Azure Fundamentals (AZ-900 Certified)
- Azure Machine Learning
- Machine Learning (KNN, PCA, SVM,...)
- Statistical Modelling
- Data Wrangling
- Git and CI/CD actions

WORK EXPERIENCE



May 2021 - Present

Data Scientist - Associate

Experience in Life Sciences, Insurance or Automatic maintenance projects, among others.

Statistical and scientific experience

- Analysis of the effects of variables in survey data using Causal Inference/Propensity Score and other statistical techniques like Bootstrapping.
- Updating algorithms based on project owners, users and SME feedback.

Developer tasks

- Developing MySQL DB connections in python.
- Created automatic logs and Unittests to ensure stability and maintainability.

Computer vision projects

- Built different Neural Networks and ML solutions to detect defects in objects of interest (using autoencoders or clustering, among other approaches).
- Collaborated with team members to create API endpoints to put the solution in production.

Deployment experience

- Deployed AI demos in an Azure web app using Docker/Streamlit or Flask API.
- Collaborated with testing team to create API endpoints to productionize solutions.
- Designed GitHub CI/CD action pipelines to deploy Docker images in AWS ECR

Predoctoral Researcher

- PhD research project to analyze galaxy spectral datasets.
- Created Python code for automatic model selection and feature detection.
- Planned numerical simulations to measure physical parameters.



Instituto de Física de Cantabria
January 2014 -
December 2019

EDUCATION DETAIL

Ironhack

(Private education company)

Oct 2020 - Dec 2020

University of Cantabria

Dec 2013 - Dec 2019

Data Analytics Bootcamp (Courses on ML, NLP, etc.)

PhD in Science and Technology (Merit with distinction "Cum Laude")

Master's Degree in Astrophysics (Master Thesis: Applications of K-Means in astronomy)
Bachelor's Degree in Physics

University of La Laguna
2012 - 2013 / 2005 - 2012

COURSES & CERTIFICATIONS

- **Certification:** Azure Fundamentals (AZ-900)
- CI/CD, CV, NLP (NLTK), Keras/Tensorflow and Azure Udemy and Coursera MOOC courses.
- Specialization: Machine learning, Coursera MOOC.
- Self-paced learning projects (<https://github.com/ordovas/>)