

Mar Benitez

DATA SCIENTIST - ANALYST



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LINKS

GitHub:

<https://github.com/MarBenitez/>

LinkedIn:

<https://www.linkedin.com/in/mar-benitez-506910192/>

Website:

<https://marbenitez.github.io/>

LANGUAGES

Spanish

English

French

PUBLICATIONS

ddRAD-seq variant calling in peach and the effect of removing PCR duplicates
https://www.actahort.org/books/1352/1352_56.htm
/ Dec 2022

SKILLS

Problem Solving

Creativity

Effective Communication

Thirst for learning

Critical thinking

Time Management

Teamwork

Interdisciplinary Collaboration

ABOUT ME

Data Scientist with Biotechnology and Genetics foundation, adept in Python, with a Master's in Data Science and Data Analytics bootcamp. Nearly two years at CSIC, excelling in data-centric research projects. Known for blending tech proficiency with problem-solving prowess. Passionate about using my technical expertise and analytical mindset to drive innovation and contribute to impactful projects in the technology and data science sectors.

TECH TOOLBOX

- **Languages:** Python, SQL, DAX, R
- **Frameworks & Libraries:** Pandas, Numpy, Scikit-Learn, Matplotlib, Seaborn, PyTorch, Keras, Huggingface, Apache Spark, Plotly
- **Tools:** Git, Power BI, BigQuery, Streamlit, Docker, Azure
- **Specialties:** Data Storytelling and Visualization, Machine Learning, Big Data Processing

WORK EXPERIENCE

Bioinformatician

CSIC Zaragoza / May 2021 - Nov 2022

- Contribution to bioinformatics research projects, focusing on peach germplasm.
- Implementation of different approaches and methodologies to analyze genomic data and carry out statistical analyses.
- Development and implementation of algorithms using GNU Bash and R for data processing and the creation of meaningful visualizations.
- Collaboration with multidisciplinary teams in result interpretation and scientific report writing.

EDUCATION

Master of Science

KSchool / 2024

Master's in Data Science

- Supervised and unsupervised learning techniques.
- Deep Learning: neural networks, CNN, RNN.
- Natural Language Processing (NLP).
- Distributed environments and Big Data with Spark.
- Recommendation systems and time series analysis.
- Generative AI and Prompt Engineering.

Associate of Science

Upgrade Hub / 2024

Bootcamp in Data Analytics

- Advanced data analysis with Python and SQL.
- Data visualization with Tableau and Power BI.

Associate of Science

Tokio School / 2023

Python Programming Course

Master of Science

Centre for Advanced Agronomic Mediterranean Studies (CIHEAM) / 2022

Master's in Genetic Improvement

Associate of Science

Universidad de Almería / 2020

Bachelor's in Biotechnology

PROJECTS

Early Cancer Detection through Multianalyte Blood Test and ML Models

The findings of the study "Early Cancer Detection from Multianalyte Blood Test Results" were replicated and enhanced to predict both the presence and type of cancer.

Link: <https://github.com/MarBenitez/Early-Cancer-Detection-ML-Project>

Technologies: Python, MLFlow, Scikit-learn, Scipy, Pandas