



# ORIOI MARTÍN CORELLA



633 568 397



oriolcorella98@gmail.com



<https://www.linkedin.com/in/urimartincorella/>



<https://dendritadev.github.io/PortfolioWebsite/>



Barcelona, Spain

Check my website for more info about me and my data projects =)



## EDUCATION

## Courses - Certificates

### BSc Degree in Computer Science and Game Dev.(2021-2025) UPC - CITM

- Average Mark: 8.8
- I got honors in 12 subjects: Including Data Analysis.

### BSc Applied Data Science (2019-2020) UOC

- Completed only the first year
- Honors in 'Introduction to Data Science'

### BSc Degree in Psychology (2017-2021) UAB

- Graduated with honors and the special award for the Bachelor's Degree in Psychology
- Average Grade: 8.6. I got honors in 10 subjects: Including Statistics.

- 15 Days of SQL: The Complete SQL Masterclass (15h)
- Python A to Z (55h)
- Descriptive Statistics (42h)
- Probability for Machine Learning (45h)
- Inferential Statistics for Machine Learning (57h)

## DATA PROJECTS

### A/B Testing in Candy Crush

Statistical analysis of a boost power change in Candy Crush.

Hypothesis testing and impact over time.

SQL, Python, A/B Testing, Linear Regression, Game KPI's



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[Project link](#)

### In-Engine Data Analytics & Visualization Custom Tools

Development of custom data analysis and visualization tools within Unity Engine: Heatmap Visualization, EDA, Group Comparison, Regression Analysis.

SQL, Python, Flask Backend, PHP Backend, A/B Testing, Linear Regression, Game KPI's, Heatmap Visualization, ML Agents



[Project link](#)

### Ongoing Project: Videogame for Preoperative Anxiety Reduction in Children

Developing a therapeutic videogame in collaboration with Pallapupas to reduce preoperative anxiety in pediatric patients. Responsible for game development, backend implementation, and a scientific evaluation using A/B testing to measure its effectiveness.

Additionally, linear regression analysis to identify key gameplay variables (e.g., playtime, success rate) that influence anxiety reduction



PallAPuPas  
PallaSsos d'hosPital

## EXPERIENCE

### Software Engineer 02/2024 - Currently

Developing AR applications (C++, C#). Responsible for backend (PHP) and database management. Using SQL to store and analyze user data (Python). Occasionally generating reports to track user interactions

### Dracma3D

**Stack:** Unity, C#, PHP, SQL, C++ , Python, Salesforce, Zappier