

# GREGORIO MAYA

LOCATION-BASED PROBLEM SOLVING

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With **over nine years** of experience in urban planning and **spatial intelligence**, I am committed to integrating advanced technology and data strategies in **urban development**. Experienced in teaching graduate courses and leading research and product development, I am constantly reframing problems into opportunities to research the spatial conditions that shape individual and collective behavior. I thrive in dynamic environments, and I am continually advancing my expertise to address high-impact urban challenges.

## Areas of Expertise

- Tableau (Certified)
- QGIS
- SQL - PostGIS

- Python
- VsCode
- Git

- GeoSpatial Analysis
- Team Leadership
- Product Management

## Languages

Spanish | native  
English | bilingual  
French | professional

## EXPERIENCE

### City Science Coordinator

*Norman Foster Institute* | Madrid

*June 2023 – Present*

As part of the in-house staff for the Master in Sustainable Cities, my main responsibilities include co-creating the Urban Analytics core lesson and developing City Pulse—a multi-user app for diagnosing sustainability targets. Unique mix of real-life client management and technical teaching.

- Maintaining client relationships with three city administrations: Athens, Bilbao, and San Marino, using a consultancy model to deliver actionable projects.
- Co-creation of 16-week GIS lesson and subsequent lab support for 24 scholars. From Open source software (QGIS, PostGIS), through Python based notebooks to user friendly web-apps.

### Data Consultant

*Freelance, Multiple Clients* | World

*2021 – Present*

Providing data collection, pre-processing, exploratory analysis and modelling services to clients (Private and NGOs) in their R&D stages of developing data driven products. Projects include:

- **Article 19 Global Expression Report**: transformation of an index into a digital product that embraces modern data management and delivery. Over 500K views in embedded [website](#).
- **Accenture & JLR** : daily database updates with 120+ country wide post-sales managers. Optimising pipelines for Tableau dashboards with dynamic views based on custom profiles.
- **ACASA** : assessed their current pipelines to create one with a spatially-aware pricing index. Faster response to clients and new business avenues. Reduced initial delivery 7 fold ( weekly to > 1 hour)

## Spatial Intelligence Lead

SENSE | London

Nov 2018 – May 2022

Main responsibilities included the translation of business goals into innovative metrics for clients. Create the unit of data analysis that delivers the business's unique selling point -USP.

- Interpret and deliver domain expertise in the Architectural, Design, and Construction (AEC) industry to the internal technical team.
- Create a pipeline of future feature developments based on sophisticated data modeling techniques.

## Urban Consultant

Space Syntax Lmted | London

Sept 2016 – Oct 2018

Advise and support of local authorities and large-scale private developers of the urban environments in London- UK, Jilin -China, Bogota-Colombia and Astana-Kazakhstan.

- Create models for assessing new layouts with measures of urban centrality and connectivity.
- Recreate internal GIS processes for faster and more accurate delivery of reports.

## EDUCATION

### MSc Spatial Intelligence: Space Syntax

2015 – 2016

UCL - The Bartlett (UK)

Honours degree

### Bachelor in Architecture

2008 – 2013

Universidad de los Andes (COL)

Summa Cum Laude Laureate

### Swiss Matura & Colombian High School Diploma

2007

Colegio Helvetia de Bogota (COL)

**Product Management**  
NOVA  
Madrid | 2023

**Data Science**  
GENERAL ASSEMBLY  
London | 2019

**Python 3**  
CODE ACADEMY  
London | 2018

## OTHERS

- **MOMEPY collaborator** 2022  
Google Summer of Code contributor grant
- **R. Salmona Fellowship** 2019  
British Council research grant
- **Frequent lecturer:**  
UNIANDES (COL) | UCA Canterbury (UK) | FADU - UNL (ARG)