

# JOSE A. TAMBURINI MS, MBA, BEc



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## PROFILE

Dominican Economist, Master in Applied Statistics, Data Science and STEM Business Administration, trained in Business Analytics, Data Mining, Machine Learning, and multivariate and regression analysis, and experienced in working with large databases. Some of its main private clients include INICIA Asset Management -previously "Grupo Vicini"- (where an audit of the NOLA model initially worked on by CIEF CONSULTING was carried out, in which, using multiple financial, economic and sectoral econometric models, possible investment opportunities in these countries were analyzed, serving this of important input in making decisions on potential investments), and Grupo Ramos -one of the largest retail group in the DR- (for whom a prediction model was created that estimates the annual sales potential of a new store, based on the type of format and location throughout the national geography, using geostatistical techniques).

## EDUCATION

**2021-2023**

**MASTER OF SCIENCE IN STATISTICS AND DATA SCIENCE**

University of Arizona. GPA: 3.67

Tucson, AZ. USA.

Emphasis: PhD Postulation.

**2013-2014**

**MASTER OF SCIENCE, APPLIED STATISTICS (MS)**

Dominican Republic Excellence National Scholarship Recipient, 2013.

Rochester Institute of Technology (RIT). GPA: 4.0

Rochester, NY. USA

Emphasis: Regression Analysis, Multivariate Analysis,  
Data Mining and Machine Learning.

Tutoring: Statistical Programming and Statistical Quality  
Control - Fall, 2014.

**2019-2021**

**STEM MASTER OF BUSINESS ADMINISTRATION (MBA)**

Weatherhead School of Management, Case Western  
Reserve University, Cleveland, OH. USA GPA: 3.9

Emphasis: -Business Analytics, Quantitative Finance.  
Teaching Assistant: Business Analytics for MBA.

**2008-2012**

**BACHELOR OF SCIENCE, ECONOMICS (BEC)**

Pontificia Universidad Católica Madre y Maestra -  
Santo Domingo. Dominican Republic.

GPA: 3.83 - Summa Cum Laude

Emphasis: Statistics, Econometrics, Microeconomics,  
Macroeconomics.

## PROFESSIONAL EXPERIENCE

**GRADUATE RESEARCH ASSOCIATE / UNIVERSITY OF ARIZONA SCHOOL OF MEDICINE 10/2022-Current**

- Qualitative/quantitative data collection, management and analysis.
- Preparation, interpretation and drafting of results.
- Other administrative duties.

**PARTNER/ NUCLEUM SOLUTIONS 09/2021-Current**

- Senior consulting and data analysis services for high-complexity projects in the Dominican Republic.
- Data science and machine learning consulting for public and private entities in the Dominican Republic.

**ADJUNCT PROFESSOR OF STATISTICS AND ECONOMICS / PONTIFICIA UNIVERSIDAD CATÓLICA MADRE Y MAESTRA 01/2015-04/2019**

**Highest ranked School of Economics in the Dominican Republic**

- Lead Instructor for Econometrics 1 and 2 and Statistics 1 and 2 for the Economics Department.
- Co-Instructor Macroeconomics Topics: Econometrics Module.

**PUBLIC POLICY DEPARTMENT HEAD / COMPETITIVENESS NATIONAL COUNCIL OF THE DOMINICAN REPUBLIC 05/2018 - 12/2018**

**Government entity in charge of boosting the national competitiveness of the Dominican Republic**

- Managed a five-person team to design and implement a governmental process for reviewing current and future regulations to assess viability and impact.
  - Created a methodology of estimating the total cost of existing regulations for both the government and the citizenry based on the premise that "time is money" and using existing public and private sectors' statistics.
  - Drafted the guideline for making Regulatory Impact Assessments (RIA) for both existing and future regulations.

**HEAD OF STRATEGIC ANALYSIS / UNIDAD DE ANALISIS FINANCIERO (UAF-RD) 03/2017 - 04/2018**

**Government entity in charge of the AML/TF policies in the Dominican Republic**

- Managed a three-person team to research the vulnerabilities of the AML-TF system of the country.
  - Published papers on economic sectors of the country and their susceptibility to be used for ML-TF.
  - Member of the Unit's teaching staff to train professionals on the importance of applying AML-TF good practices.
- Led an interinstitutional project to create a new consolidated database of existing Dominican citizenry information.

**FIXED INCOME TRADER / CENTRAL BANK OF THE DOMINICAN REPUBLIC 07/2015 - 02/2017**

**Government entity in charge of the monetary system of the Dominican Republic**

- Developed quantitative models to improve investment decisions for a variety of new and existing asset types such as varying maturities and different currencies based on current financial indicators and the Foreign Reserves Investment Guideline.

## SKILLSET

**Technical:** R; SAS (Essentials; Introduction to Statistical Concepts; ANOVA, regression and logistic regression); Eviews; Stata; Minitab; MS Excel (advanced); Bloomberg; Six Sigma - Green Belt Certification.

**Language:** Spanish (native); English (fluent - social/technical); French (basic); Italian (basic)