



ABOUT ME

Passionate Industry Analyst with nearly a decade of experience in developing insights and solutions for complex industry and business challenges. Driven to further explore Data Science and AI to drive innovation and technology-driven solutions.

LINKS

LinkedIn:
<http://www.linkedin.com/in/fernando-matias-gonzalez>

GitHub:
<https://github.com/FernandoMatiasGonzalez>

SKILLS

STATISTICS AND DATA VISUALIZATION

Descriptive, Statistical, Predictive Analytics, Seaborn, Matplotlib, Tableau, Power BI

MACHINE LEARNING

Classification and Regression Algorithms, Statistical Inference, Exploratory Data Analysis, Clustering Techniques, PCA, Decision Trees, Boosting, Time Series Analysis, Recommendation Systems, Hyperparameter Tuning, Feature Engineering, Numpy, Pandas, Scikitlearn

DEEP LEARNING

Neural Networks, Computer Vision, Image Recognition, Natural Language Processing, Web Scraping, Tensorflow, Keras

DATABASES

SQL, Excel

BIG DATA

Hadoop, Hive, Apache Kafka, Storm, Spark

EDUCATION

APPLIED DATA SCIENCE PROGRAM

Massachussets Institute of Technology, MIT / 2023

MIHMEP - MASTER IN INTERNATIONAL HEALTHCARE MANAGEMENT, ECONOMICS AND POLICY

SDA Bocconi / 2014

INTERNATIONAL PHD IN PHILOSOPHY

Universidad de Murcia / University of Exeter / 2012

MS IN CONTEMPORARY THOUGHT

Universidad de Murcia / 2009

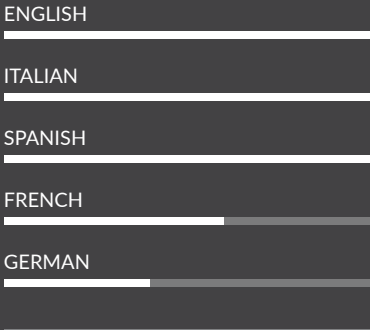
MS IN SOCIAL SCIENCES

Universidad Nacional de Quilmes / 2007

BA IN LAW AND SOCIAL SCIENCES

Universidad Nacional de Tucumán / 2005

LANGUAGES



AWARDS & HONORS

AMONG TOP PERFORMERS

Among top performances in all degrees earned / with special honors: including at MIT, SDA Bocconi, University of Murcia/Exeter, among others.

FELLOWSHIPS AND PRIZES

It was awarded fellowships, grants and other financial support from AECID, SDA Bocconi, National Agency for Scientific and Technological Research, among others.

FERNANDO MATIAS GONZALEZ

INDUSTRY ANALYST: DATA SCIENCE AND ANALYTICS

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PROJECTS

Loan Default Prediction Using ML And AI

Project -1

Developed a predictive model for a retail bank to identify potential loan defaulters. Employing various Machine Learning and AI techniques, the findings suggested that deploying a Decision Tree Tuned Feature-Selected model would drive an estimated 1.8 million dollars in annual savings.

Predicting Potential Customers Using ML

Project -2

Developed a Machine Learning model to identify leads likely to convert to paid customers based on lead attributes and interactions. The implementation of an optimized Random Forest model secures a substantial 89% accuracy in predicting conversions, enhancing marketing strategies, operational efficiencies, and overall business performance.

FoodHub Order Analysis

Project -3

Conducted in-depth analysis of orders from a food aggregator company, leveraging proficiency in transforming raw data into actionable insights. Through exploratory data analysis, feature engineering, and data visualization using various data science libraries, it delivered key insights for enhancing delivery optimization, cuisine expansion, identifying market niches, and providing tailored analytics and advanced recommendations.

WORK EXPERIENCE

FITCH SOLUTIONS
London
Dec 2018 - Present

Analyst: Macroeconomics, Pharmaceuticals & Healthcare

- Delivered added value to the Fitch Solutions/BMI report portfolio through incorporation of actionable insights. For example, implications of government health budgets for multinational pharmaceutical companies.
- Generated leading-edge analyses and reports regularly published by Fitch Solutions and BMI. Streamlined updates for 13-19 pharmaceutical and healthcare reports per quarter, contributing to their successful distribution across global markets at a premium price. Assumed responsibility for an expanding report portfolio, elevating outputs through strategic optimization.
- Provided advanced research output combining macroeconomics, country risks, and medium- and long-term market forecasts with pharmaceutical and healthcare developments (market access, digital transition, competitive landscape, and more).

BMI RESEARCH
London
Jun 2014 - Dec 2018

Analyst: Macroeconomics, Pharmaceuticals & Healthcare

- Enhanced Business Monitor International/BMI Research reports with actionable insights, including research and data-driven analysis of pharmaceuticals and healthcare sectors across regions.
- Delivered state-of-the-art analyses and reports for BMI Research, contributing to setting a benchmark for the industry. Managed an expanding collection of reports, improving efficiency, and more than doubling the number of reports updated within a year.

MYFOODY
Milan
Feb 2014 - Feb 2016

Startup Development And Practice Research

Provided leading-edge research in economics, sustainability, and startup development, contributing to a successful company that combined technology and food waste reduction.

CERGAS, BOCCONI UNIVERSITY - EU-C. MEDTECHTA
Milan
Nov 2013 - Dec 2013

Research Assistant

Contributed to leading research in health economics and medtech innovations.

SECOND SIGHT
Lausanne
May 2013 - Nov 2013

Intern / Economic Analyst

Provided tailored market insight to ensure access to breakthrough medical technologies in multiple countries.

CERGAS, BOCCONI UNIVERSITY
Milan
May 2013 - Jul 2013

Research Assistant / Systematic Analysis of Breakthrough Medical Devices

Analyzed extensive data sets, resulting in leading research outcomes.

INSTITUTE OF BIOTECHNOLOGY AND BIOMEDICINE - UAB
Barcelona
Oct 2011 - Sep 2012

Associate Researcher

Delivered research outcomes at the forefront of health policy and bioinformatics.

AECID; SCIENTIFIC AND TECHNOLOGY COUNCIL
Oct 2006 - Sep 2012

Research Fellow

Led and contributed to several research projects for agencies in Spain and Argentina.

PUBLICATIONS

BOOK (UPCOMING, 2024)

Topics: Macroeconomics, Philosophy of History, Philosophy of Science, Evolutionary Patterns

ARTICLES (SELECTED): VALUE IN HEALTH
May 2015

A Systematic Review on the Cost-Effectiveness of Genetic and Electrocardiogram Testing for Long QT Syndrome in Infants and Young Adults

EXPERT REV MED DEVICES
Jun 2015

Comparative effectiveness of Mitraclip plus medical therapy versus medical therapy alone in high-risk surgical patients: a comprehensive review

REFERENCES

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