

NICOLA CRESPI

EDUCATION

PhD: Economics, Statistics and Data Science - Big Data & Analytics for Business <i>University of Milano-Bicocca</i>	<i>2022 - present</i> <i>Milan</i>
MS: Statistical and Economic Science - Insurance and Financial Markets <i>University of Milano-Bicocca</i>	<i>2019 - 2022</i> <i>Milan</i>
BS: Statistical and Economic Science <i>University of Milano-Bicocca</i>	<i>2016 - 2019</i> <i>Milan</i>
Erasmus: International Relations Mathematics <i>University of Lille</i>	<i>August 2018 – January 2019</i> <i>Lille</i>
Secondary School: Science diploma <i>Scientific High School Arturo Tosi</i>	<i>2016</i> <i>Busto Arsizio</i>

COMPETENCES

Languages

Italian	Native Language
English	Fluent
French	Good (certified B1)

Informatic Software

R, Python, Qlik Sense, SAS, Stata, MS Excel, MATLAB, Gretl

WORKING EXPERIENCES

Junior Researcher

Fondazione Eni Enrico Mattei

December 2021 – present

Milan

Spatial econometric modeling to evaluate links between socio-economical inequalities and Covid19 mortality in Lombardy. Contributing by writing articles on environmental topics for a dissemination magazine.

Consultant software developer

Reti S.p.A.

July 2019 – January 2019

Busto Arsizio

Creation of data visualization sheets for Business Intelligence, using Qlik Sense. Most applications done with high frequency financial data.

PROJECTS

Lab Data Challenge - Electricity load forecast challenge by Repower

We predicted the hourly consumption of energy of Repower clients with a gap of 16, 17, 18 days from last observation using an ad hoc ensemble model.

Prediction of income of various restaurants in a daily time series dataset

We integrated exogenous phenomena (weather, presence of festivity, etc.) to time series of daily income to predict future using Machine Learning techniques.

Bachelor Thesis

Evaluation of relations between demographic dynamics and energy price index in OECD countries.

Master Thesis

Evaluation of spatial cross-correlation between municipalities across more than 100 variables.

OTHER EXPERIENCES

Photographer

Starting from my passion in photography I have done some shootings for locals and private events.

2015 - 2019

Student leader and representative

Scientific High School Arturo Tosi

2015 - 2016

Busto Arsizio

Organizing and managing school meetings and events as student representative. Organizing extra school time lectures with notable Italian artists and writers.