

# Brandon Mora Pérez

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Economist interested in research and data science. My interests include machine learning, open data, impact evaluation and evidence-based decision making.

## EDUCATION

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### Degrees

*Bsc in Economics, summa cum laude.* Universidad Andina del Cusco 2013-2019

### Professional Credentials

Micromaster in Data Science (in progress), Massachusetts Institute of Technology on edX 2022

Micromaster in Data, Economics, and Development Policy, Massachusetts Institute of Technology on edX 2020

## SKILLS

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**Languages:** Spanish, native; English, fluent (TOEFL iBT: 99/120); French, proficient (DELFL: B2)

**Software:** Proficient in Python (pandas, stanza, scikit-learn, matplotlib, requests, selenium), R (tidyverse, data.table, ggplot2, xgboost), Stata,  $\LaTeX$  and GitHub; Frequent user of SQL, Matlab and Eviews

## RELEVANT COURSEWORK

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Deep Learning Specialization (en progreso) | *DeepLearning.AI on Coursera* 2022

Fundamentals of Statistics | *Massachusetts Institute of Technology on edX* 2021

Data Science for Social Scientists | *Massachusetts Institute of Technology on edX* 2020

Designing and Running Randomized Evaluations | *Massachusetts Institute of Technology on edX* 2019

## EXPERIENCE

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**Inter-American Development Bank** July 2022 – Present

Data and Information Consultant

- Part of the team responsible for proposing improvements to the Bank's open data platform [Numbers for Development](#). Work related to open data analytics, including natural language processing of text data, web analytics and statistical analysis..
- Point of Contact for Open Data in the Knowledge and Innovation Sector within the Inter-American Development Bank.

**World Bank** Jan 2022 – July 2022

Research and Data Consultant

- Responsible for implementing World Bank's DIME open data and coding standards within the Data and Evidence for Justice Reform (DE JURE) AMAG project.
- Performed quantitative analysis (econometrics and impact evaluation) with datasets from the Justice sector in Peru, including matching, machine learning methods and regression analysis.

**Ministry of Education - Peru** May 2021 – Dec 2021

Data Analyst

- Responsible for implementing best practices in data governance (data visualization of educational outcomes, version control using GitHub, writing reproducible code) within the Planning and Budget Unit.
- Performed statistical analysis of large datasets related to educational outcomes at the student, school and local government level, including geographical matching, Principal Component Analysis and clustering.

**Regional Government - Peru** Dec 2019 – May 2021

Economic Analyst

- Implemented a COVID-19 [daily tracker](#) using Shiny from R Studio.
- Conducted literature reviews and policy briefs to inform public policy in topics ranging from gender to community engagement.

**Undergraduate Research Assistant** August 2014 – December 2016

Universidad Andina del Cusco

- Wrote code in R and Stata for several research projects in multidimensional poverty, financial markets and agricultural economics.
- Conducted geospatial analysis in R and Python for projects studying hospital and school coverage at the regional level.

## AWARDS AND OUTREACH

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Diploma awarded for outstanding academic and professional development-Universidad Andina del Cusco	2021
Thesis dissertation awarded with <i>Aprobado con excelencia</i> (comparable to summa cum laude distinction)	2019
Representative of the Universidad Andina del Cusco in Harvard National Model United Nations - Latin America	2016
Winner in Essay Contest with <i>Multidimensional poverty in Latin America</i> in COREECO SUR CUSCO	2016
Founder of the Center for Research and Economic Studies	2015
President of the Economic and Financial Research Circle, Universidad Andina del Cusco	2015