# Yoandra Abad

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| Phone: +1 786 406 4107  yoandraabad83@gmail.com |

Self-motivated and quick learner person, with ability to adapt new technologies and methodologies. Good problem solver with strong analytical skills. Career developer in Mathematics and Statistics fields. Hands on in data mining and machine learning projects. Successful experiences integrating teams with diverse composition.

**Professional Experience**

Adjunct Faculty Professor of Mathematics. Miami Dade College (InterAmerican Campus) [October 2016-Present]

Data Analyst. Batanga Media [January 2016-September 2016]

* Design and exploration of statistical metrics to analyze and rate digital content. (Web scraping with python, world cloud visualization in d3.js, Trend line, bar, box and pie plotting in R)
* Data extraction, transformation and integration from several sources. Excel, MySQL, Web scrapping, Domo API, Facebook API. Using Pandas and Skit-Learn python libraries.

Statistician. Center for Research and Teaching in Economics (CIDE), Aguascalientes, Mexico [July 2014-June 2015]

* Evaluation of public policies and the use of technology in education systems. Design and sampling of social surveys.
* Collection, cleaning and exploration of data. (Histograms, pivot tables…)
* Implementation of several statistical methods to analyze data collected in surveys. (ANOVA, Logistic regression, decision trees…)

Biostatistician. Institute of Tropical Medicine: Pedro Kouri (IPK) Department of Epidemiology Havana, Cuba [September 2007-May 2013]

* Apply statistical theory to collect, organize, interpret, and summarize numerical data to provide usable information to physicians.
* Geospatial analysis of collected data about different diseases like Dengue, HVI, Influenza, Hepatitis, TB … Using MapInfo, ArcView.
* Participation in several scientific articles publication in collaboration with physicians, geographers and sociologists.

**Education**

*[August 2017 – Present]*

**Data Science, Master Degree**. Florida International University (FIU). current..

*[August 2013 – June 2015]*

**Probability and Statistics, Associate Degree**. Centro de Investigación en Matemáticas, A.C., CIMAT, Guanajuato, Mexico. **Graduated.**

*[September 2008 – November 2011]*

**Biostatistics, Master Degree**. University of Havana, Faculty of Mathematics and Computer Science, Havana, Cuba. **Graduated.**

*[September 2001 – July 2007]*

**Mathematics, Bachelor Degree**. University of Havana, Faculty of Mathematics and Computer Science, Havana, Cuba. **Graduated.**

**Skills & Abilities**

* Statistical Software: R, SAS, SPSS, MINITAB, STATISTICA, MS Excel (pivot tables), MS Access,
* Visualization Tools: Tableau, d3.js, MatPlot Lib
* Programming Languages: R, SAS, Python, SQL, Latex