



Walter Quispe

Data Scientist

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About me

I am aiming to deploy my professional knowledge in academia and industry to perform data-driven discovery and decision making process.

Experience

- Apr 2023 - Present, **Full Time Adjunt Professor**
 - Math and Stat Department. San Antonio Abad University, Cusco-Perú
 - * Teaching Graduate and Undergraduate Courses: EP703AES Foundations of Probability, ME814AME Actuarial Statistics, ME841AME Multivariate Statistics I, ME842AME Didactics of Statistics.
- Sep 2021 - Present, **Quantitative Risk Analyst.**
 - Model Risk Management at First Bank of Puerto Rico.
 - * Understanding, Validating, and Developing advance Machine Learning and Statistical models to comply with regulatory requirements.
- Sep 2020 - Sep 2021, **Data Scientist.**
 - Artificial Intelligence at Banco Popular de Puerto Rico.
 - * Building intelligent systems by employing advanced Machine Learning algorithms in order to advance business strategy.
- Jan 2020 - Sep 2020, **Data Science Post Doctoral Research.**
 - University of Puerto Rico at Mayaguez.
 - * “Collaborative Research: Atomic Level Structural Dynamics in Catalysts.” Harnessing tools from machine learning to perform data-driven discovery in catalysts, NSF Harnessing Data Revolution Program, Grant OAC-1940179, UPRM.

Education

2013-2019	Ph.D. Computing and Information Science Mayaguez, Puerto Rico, USA	Univ. of Puerto Rico
2003-2006	M.Sc. Mathematics and Statistics Mayaguez, Puerto Rico, USA	Univ. of Puerto Rico
1996-2001	B.Sc. Mathematics and Statistics Cusco, Perú	Univ. San Antonio Abad

Publications

- **Rivera, R., Rosenbaum, J., and Quispe, W. (May 2020)**

Excess mortality in the United States during the first three months of the COVID-19 pandemic, *Epidemiology and Infection*, 148, E264. *Cambridge University Press*.

- **Quispe, W. (Dic 2019)**

Temporal outlier detection using dynamic Bayesian networks and probabilistic association rules, *Phd Dissertation, University of Puerto Rico at Mayaguez*.

Presentations

- **E. Acuña, W. Quispe, R. Megret, and J. Agosto. (May 2019)**

Clustering using Functional Data Analysis for Honeybees Daily Activity Data, *Latin American Conference on Statistical Computing (ICORS-LACSC)*, Guayaquil, Ecuador.

Software Skills

Python, R, Matlab, SQL, Apache-Spark, Latex.

Interests

Data Science, Artificial Intelligence, Machine Learning, Anomaly Detection, Bayesian Statistics, Model Risk Management.