Boris Fazio

DATA ANALYST

Quantitative methods for public health and biomedical research

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Experience

Information analyst

GOVERNMENT DELIVERY UNIT – PRESIDENCIA DEL CONSEJO DE MINISTROS *Sep. 2019 - May. 2020*

- Coordinated with technical teams and decisionmakers in order to identify and resolve bottlenecks for prioritized public health interventions
- Analysis of administrative data and national surveys to support monitoring and evaluation of prioritized interventions

Measurement Analyst (Contractor)

UNICEF *Aug. 2018 -*

- Integrated data from national surveys and administrative databases to enable calculation of well-being indicators
- Implemented a reproducible pipeline for data processing and reporting
- Conducted a review of published literature on the measurement of adolescent well-being

Data Analyst

MINISTERIO DE SALUD *Oct. 2016 - May. 2018*

- Leveraged data from multiple administrative databases to identify over 100 000 children with incomplete anemia treatment
- Led redesign of KPI monitoring application, offloading data entry tasks from our five person team to over 200 counterparts countrywide
- Provided statistical support on sampling schemes and sample size selection for national surveys
- Advised on operational definitions of KPIs for health interventions

Data Analyst (Contractor)

MINISTERIO DE DESARROLLO E INCLUSIÓN SOCIAL *Dec. 2017 - Feb. 2018*

- Implemented automated reports for monitoring of health interventions

Teaching Assistant

FACULTAD DE SALUD PÚBLICA Y ADMINISTRACIÓN – UNIVERSIDAD PERUANA CAYETANO HEREDIA *Mar. 2017 - Dec. 2017*

- Tutoring for graduate-level Biostatistics and Epidemiology courses
- Helped graduate students define a research question and design an analysis plan

Research Assistant

FACULTAD DE SALUD PÚBLICA Y ADMINISTRACIÓN – UNIVERSIDAD PERUANA CAYETANO HEREDIA *Dec. 2014 - Dec. 2016*

- Generated periodic reports and recommendations to minimize entry errors for ongoing studies
- Provided logistics support for other researchers

Data Manager

CENTRO DE INVESTIGACIÓN INTERDISCIPLINARIA EN SEXUALIDAD, SIDA Y SOCIEDAD *Sep. 2015 - Oct. 2016*

- Automated retention analysis reports for cohort study
- Advised colleagues on statistical methods for study analysis
- Cleaned data and improved documentation for existing procedures

Education

Magister in Statistics

PONTIFICIA UNIVERSIDAD CATÓLICA DEL PERÚ *Mar. 2017 - Jul. 2019*

- Thesis pending review, coursework complete (Rank: 1/38)

Graduate studies in Epidemiological Research

UNIVERSIDAD PERUANA CAYETANO HEREDIA *Mar. 2015 - Dec. 2015*

- Masters coursework complete

BSc in Biology

UNIVERSIDAD PERUANA CAYETANO HEREDIA *Mar. 2009 - Dec. 2014*

Skills

Data analysis	Hierarchical models, survival analysis, structural equation modeling, survey analysis and design
Programming	R, SQL, Python, JavaScript
Languages	Spanish, English

Publications

Allan-Blitz LT et al. *The Development of an Online Risk Calculator for the Prediction of Future Syphilis among a High-Risk Cohort of Men Who Have Sex with Men and Transgender Women in Lima, Peru.* Sexual Health, 2018.

García PJ et al. *Sexual health knowledge and practices and STI/HIV prevalence among long-distance truck drivers in Peru.* SAGE Open Medicine, 2017.

Egoavil MS et al. *Qualitative Study for the Development of a Telemedicine System in Palliative Care.* Palliative Medicine and Hospice Care, 2017.