Boris Fazio

*Data analysis for public health and biomedical research*

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# RELEVANT Experience

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| July 2020 – CurrentDATA MANAGEMENT SPECIALIST, Ministerio de Desarrollo e Inclusión Social Developing KPIs for monitoring the delivery of health interventions targeting pregnant women and children under five, creating data processing web applications (Shiny framework) for self-serve report generation and designing Tableau dashboards to inform stakeholders of progress on selected KPIs (example available at <https://tabsoft.co/3qzNw5O>). |
| September 2019 – May 2020data analyst, Presidencia del Consejo de Ministros Created an Excel tool to estimate COVID-19 testing requirements at the subnational level based on Ministry of Health guidelines, identified inefficient allocation of medicine inventories among public health establishments in the Metropolitan Lima area and produced monthly forecasts for anemia prevalence in children under five. August 2018 – July 2019Measurement analyst, UNICEF Carried out a review of available evidence for measurement of well-being in adolescent populations, developed a well-being index based on data from national surveys and administrative systems and implemented the procedures required for its calculation in the R language. See published report:  <https://www.unicef.org/peru/media/8996/file/Indice%20de%20Bienestar%20Adolescente.pdf> October 2016 – May 2018DATA analyst, Ministerio de Salud Integrated disparate administrative databases to identify over 100 000 children with anemia that had not received a full course of treatment, wrote Python code to evaluate the performance of regional health systems based on pre-established indicators and produced on-demand reports on the usage of healthcare services and prevalence of various health conditions. |

# EDUCATION

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| master’s in statistics, Pontificia Universidad Católica del Perú (2021) Rank: 1/38. Coursework included advanced regression methods, sample design and methods for missing data. |
| BACHELOR’S IN BIOLOGY, Universidad Peruana Cayetano Heredia (2015) |

# Skills

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| * **Data analysis:** R, Stata, Python * **Data visualization:** Tableau, Power BI * **Databases:** MS SQL Server, PostgreSQL | * **MS Office:** Excel, PowerPoint, Word * **Languages:** fluentEnglish, native Spanish |

# ADDITIONAL INFORMATION

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| * Graduate studies in Epidemiology (design and analysis of case-control and longitudinal studies) * Published research available at <https://scholar.google.com/citations?user=9tEblG4AAAAJ> * Volunteer at TRANSformar (transfeminist nonprofit organization) |