Pedro César Del Campo Neira

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Statistician and Data Scientist with extensive experience managing multidisciplinary and strategic analytical projects. Expert in processing and analyzing large volumes of data to generate key insights for decision-making. Proven track record in diverse fields including mobility, culture, health, fintech, marketing, education, nutrition, environment, social development, Indigenous communities, financial technology, and public policy. Known for my capacity for self-learning, adaptability to new technologies, and strong results-oriented mindset. Proficient in statistical sampling, multivariate methods, and predictive modeling, with advanced command of Python, R, SQL, and cloud-based analytical environments.

Work Experience

- ***Senior Statistician***   ***Bogotá, Colombia | Jul 2024 - Dec 2024***
  Secretaría de Cultura, Recreación y Deporte (SCRD)
  Developed methodological designs for data collection, monitoring, and evaluation processes in cultural research. Designed sampling strategies and integrated quantitative and qualitative instruments. Produced statistical visualizations to support cultural decision-making and enhance knowledge about the city's cultural dynamics.

- ***General Coordinator***   ***Bogotá, Colombia | Feb 2023 - May 2024***
  Colectivo Datos, Arte, Ciencia y Cultura (DACC)
  Led the design, implementation, and evaluation of projects integrating art, science, and artificial intelligence, with a focus on children and local communities. Provided technical and methodological coordination for initiatives awarded through programs such as Es Cultura Local and CPS-338 in the Santa Fe and San Cristóbal districts of Bogotá.

- **Instructor – Introduction to Risk Systems Seminar**   **Bogotá, Colombia | Oct 3 - Oct 12, 2023**
  FORUM – Universidad de La Sabana
  Designed and facilitated an 8-hour intensive course focused on basic and intermediate R programming tools for risk analysis. Applied methodologies using Previsora Seguros datasets, with emphasis on modeling, visualization, and strategic decision-making support.

- **Research Statistician**   **Bogotá, Colombia |Aug 2017 - Dec 2022**
  Secretaría Distrital de Movilidad (SDM)
  Conducted descriptive and predictive data analysis to support traffic crash prevention strategies in Bogotá. Designed indicators and data visualizations for road safety initiatives. Provided analytical, big data, and sampling design support to multiple departments, in coordination with the Mobility Intelligence Directorate and the Road Safety Office.

- **Statistician**   **Bogotá, Colombia | Oct 2020 - Aug 2021**
  GEB – Ecologic S.A.S.
  Designed data collection tools and conducted statistical analyses for the Colectora project. Produced descriptive reports and forecasting models to support technical and operational decision-making in environmental sustainability and urban management processes.

- **Statistician**   **Bogotá, Colombia | Jun 2020 - Dec 2020**
  Instituto Nacional de Salud (INS)
  Analyzed data and developed predictive models to support public policy formulation during the COVID-19 health emergency. Provided technical guidance in the design of computational models and simulations from the National Health Observatory.

- **Statistician**   **Bogotá, Colombia | Jun 2018 - Nov 2018**
  Universidad Nacional de Colombia in partnership with ICBF
  Served as lead statistician in the design of the statistical model for the imputation system of the Colombian Food Composition Table (TCAC 2018). Managed data processing tasks including validation, verification, imputation, visualization, and preparation of outputs for publication.

- **Statistician**   **Santiago, Chile | Sep 2017 - Dec 2017**
  Rodrigo & Asociados
  Designed sampling plans, developed indicators, systematized data, and generated metadata for the "Buen Vivir and Indigenous Peoples Development in Chile" project. Provided technical support for the orientation of the Indigenous Development Fund (FDI) as part of a consultancy for CONADI.

- **Statistician Consultant**   **Bogotá, Colombia | Mar 2017 - Dec 2017**
  Facultad de Odontología, Universidad Nacional de Colombia
  Provided in-person and remote consulting for research projects led by undergraduate and graduate students, as well as faculty members. Advised on sampling design, selection of statistical tests, database construction, and results analysis. Produced academic, financial, and administrative statistics for the Faculty of Dentistry.

- **Statistician**   **Bogotá, Colombia | Jan 2016 - Sep 2016**
  Corporación Gaita Viva
  Conducted sociodemographic profiling of project beneficiaries and supported the design of monitoring and impact evaluation strategies for cultural and artistic initiatives in San Agustín, Huila. Developed information systematization tools and produced technical inputs for cultural management processes.
- **Consultant**   **Santiago, Chile | Jul 2015 - Dec 2015**
  Food and Agriculture Organization (FAO)
  Provided methodological consulting for the implementation of FAO's statistical program in Latin America and the Caribbean. Developed technical guidelines, supported the design of data collection and analysis tools for agricultural statistics, and advised national teams in processes to strengthen statistical capacities.
- **Statistician Professional**   **Bogotá, Colombia | Oct 2013 - Nov 2015**
  Departamento Administrativo Nacional de Estadística (DANE) (DIMPE)
  Designed, redesigned, validated, and processed samples for environmental and agricultural sector surveys, including EAH, EAI, and SIPSA. Conducted statistical analyses to enhance data quality and support the production of technical and strategic information for institutional and sectoral decision-making.
- **Instructor – R Programming Courses**   **Bogotá, Colombia | Aug 4 - Sep 2, 2014**
  DANE – CANDANE
  Delivered two R programming courses: a 30-hour introductory course and a 40-hour data analysis course. Both were aimed at developing basic and intermediate competencies in the use of R, applying statistical tools for data analysis, visualization, and interpretation.

Education

- **Bachelor's Degree in Statistics**
  Universidad Nacional de Colombia – Bogotá, Colombia | 2007
- **Undergraduate Studies in Mathematics**
  Universidad Nacional de Colombia – Bogotá, Colombia | Completed 7 semesters, 2002–2004
- **High School Diploma**
  Colegio de Bachillerato Universidad Libre – Bogotá, Colombia | 2000
- Courses in Artificial Intelligence, Data Science and programming – DataCamp
- Courses in soft and hard skills – Platzi

Languages

- Spanish, (Native)
- English, professional working proficiency (oral and written)

Technical Skills

Languages and Programming	Python, R, SQL, C, C++, LaTeX
Statistical and Scientific Software	SPSS, Stata, Quarto, Jamovi, SAS
Integrated Development Environment (IDE)	RStudio, Positron, Google Colab, Visual Studio
Data Visualization	Power BI, Google Data Studio
Geographic Information Systems (GIS)	QGIS, ArcGIS
AI and Productivity tools	ChatGPT, DeepSeek, Claude, Midjourney, Stable Diffusion
Office and Productivity Software	Excel, PowerPoint, Word, OpenOffice, Google Workspace (advanced level)
Operating Systems (OS)	Windows, Ubuntu (Linux)

Virtual Profile

- **Linkedin:** https://www.linkedin.com/in/pcdelcampon/