

DHRUBA BAHADUR KHATRI

Edmonton, AB, Canada ✉ dhrobakc.pnc@gmail.com

PROFESSIONAL SUMMARY

Data Analyst and social science researcher with adequate experience in data analysis, research design, and statistical modeling across academic and applied research settings. Strong background in demography/ population studies, survey data, and quantitative analysis using R, SPSS, and Excel. Currently certified as professional data analyst with upgraded skills through Johns Hopkins University Data Science courses. Seeking an entry-to-intermediate Data Analyst role where analytical, statistical, and reporting skills can support data-driven decision-making.

TECHNICAL SKILLS

- **Data Analysis & Statistics:** Descriptive, bivariate & multivariate analysis, regression, hypothesis testing, population projections
 - **Tools & Programming:** R, Python, Tableau, SPSS, Microsoft Excel, MS Word, PowerPoints, AI tools
 - **Data Collection and Management:** Research design/survey design, coding, data collection, data cleaning, validation, coding, survey design, data entry accuracy
 - **Research Methods:** Quantitative, qualitative, and mixed-methods research
 - **Reporting & Visualization:** Analytical reports, academic publications, presentations
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EDUCATION & CERTIFICATIONS

Technical Courses/Certifications

- **The Data Scientist's Toolbox** | 2025–2026 | **Johns Hopkins University**
- **Google Data Analytics Professional Certificate** | 2025–2026 | **Coursera**
- **Special Needs Educational Program Certificate** | 2016-2017 | **McEwan University, Canada**

University Degrees

- **M.Phil. in Population Studies** | 2012–2013 | **Tribhuvan University, Nepal** | Dissertation: Determinants of Intimate Partner Violence Against Women in Kaski District, Nepal
 - **M.A. in Population Studies** | 2002–2004 | **Tribhuvan University, Nepal** | Dissertation: Quality of Census Data in Nepal: An Assessment of Errors in Census Age Data, 1971-2001
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PROFESSIONAL EXPERIENCE

Lecturer / Instructor, Tribhuvan University & Pokhara University – Nepal | 2005–2013 -

Taught quantitative techniques (math + statistics), Development Studies, Population and Gender Studies, and Research Methodology at graduate level - Supervised student research projects involving data collection and statistical analysis - Published peer-reviewed research based on quantitative, qualitative and mixed data analysis

Research Coordinator, Organization for Integrated Research and Development – Nepal |

2009–2013 – Research proposal writing, survey design, coordinated field works, analyzed large survey and census datasets using SPSS and Excel - Conducted bivariate and multivariate analysis using correlation and regression models to identify social and demographic trends - Prepared technical reports and visual summaries for policymakers (e.g. Health Ministry) and stakeholders

Educational Assistant, Edmonton Public Schools – Edmonton, AB | 2018–Present -

Supported data tracking and reporting related to student performance and learning outcomes - Maintained accurate records and assisted with data-driven educational planning - Collaborated with multidisciplinary teams to support student success

RESEARCH REPORTS AND PUBLICATIONS

- Involved in more than a dozen research report writing and documentation
- Author of 10 plus journal articles in population studies, public health, and social research
- Editor: Journal of Interdisciplinary Studies, Vol I & II
- Book: *Population Policy: An Exposition of Major Shift in Global and Nepalese Population Policies*

ADDITIONAL STRENGTHS

- Strong analytical thinking and problem-solving skills
- Experience working with large, complex datasets
- Excellent written and verbal communication
- Ability to translate complex data into actionable insights

REFERENCES

Available upon request