

NISCHAL JUGJALI

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PROFESSIONAL SUMMARY

Quantitative Economics Associate at ICIMOD with demonstrated research experience in quantitative and qualitative research. Proficient in Stata MP and R for econometric modelling, data cleaning, and regression analysis, with additional skills in Python, SQL, and Tableau for data visualisation. Strong academic grounding in public finance, labour economics, and governance research in the Nepali context. My enthusiasm for growing technology has lead me to create and help maintain several websites as well. Experienced in producing research outputs, including theses and data dashboards.

EDUCATION

Master's in Economics · Kathmandu University
Lalitpur, Nepal

Ongoing

- Ongoing coursework includes Advanced Macroeconomics, Statistics, Econometrics, and Advanced Microeconomics.

Bachelor in Economics · Kathmandu University
Lalitpur, Nepal

2021 – 2025

- Core analytical coursework: Statistics, Econometrics, Calculus, Linear Algebra, Mathematical Economics, and Public Policy.
- Applied data analysis using Stata MP and R throughout quantitative research modules.
- Thesis: *Breaking Breads and Barriers* : The role of household head characteristics in food security in Nepal (ordinal regression; Stata MP, Python, Tableau).

Management · Global College of Management
Kathmandu, Nepal

2018 – 2020

EXPERIENCE

Quantitative Economics Associate · ICIMOD

Aug 2026 – Present

- Working under Strategic Group: **Resilient Economies and Landscapes**.
- Helping the SUCCESS project in data cleaning, data management, and visualizations.
- Starting independent research on using mobilization data.

Research Associate · REAR Econ

Mar 2026 – Aug 2026

- Worked on a research article on evolution and the effectiveness of Climate Finance.
- Responsible for the creation and maintenance of the REAR Econ website (rearglobal.com.np). I handle the SEO as well.
- Assisted in designing and implementing quantitative and qualitative research.
- Supported literature review, data collection, and analysis for ongoing projects.

Data Fellow · Code For Nepal

April 2025 – January 2026

- Completed structured data science training applied to Nepal-specific public datasets.
- Enhanced proficiency in Python (Pandas, Matplotlib), SQL, and Tableau in applied contexts.

RESEARCH & POLICY PROJECTS

Food Security and Household Head Characteristics in Nepal · Supervised by Dr. Mani Nepal

2025

- Investigated how household head characteristics (gender, education, employment) determine household food security outcomes using NDHS data.
- Used STATA MP for data cleaning and used ordinal logistic regression for analysis; produced visualisations in

Tableau and Python; authored full academic paper in L^AT_EX.

- Findings are directly relevant to Nepal's social protection and agricultural policy discourse.

Ethnic Match and Electorate Behaviour in Nepal’s Elections · Supervised by Dr. Santosh Adhikari *2024*

- Investigated the relationship between ethnic concentration (Herfindahl-Hirschman Index) and voting patterns using Nepal Election Commission data.
- Scraped and cleaned data using Octoparse and Python (Camelot); regression analysis in Stata MP and data visualisations in Excel.
- Engaged with Nepal’s governance and political economy literature to contextualise findings.

Squad Turnover Effects on Football Club Performance · Supervised by Dr. Santosh Adhikari *2023*

- Applied regression analysis to Premier League panel data to test the “New Managerial Bounce” hypothesis.
- Demonstrated capacity to design research questions, handle longitudinal datasets, and present quantitative findings clearly.

TECHNICAL SKILLS

Statistical & Econometric Tools: Stata MP , R
Programming & Data: Python — Pandas, Matplotlib, Streamlit ; SQL
Data Visualisation: Tableau, Microsoft Excel, Streamlit
Version Control: GitHub
Document & Presentation: L^AT_EX, Microsoft Word, PowerPoint
Languages: Nepali (native), English (fluent)

CERTIFICATIONS

- The Stata Omnibus: Regression and Modelling with Stata — *Packt* (2026)
- Inference in Linear Regression in R — *DataCamp* (2026)
- Advanced Data Analysis and Visualisation with Copilot — *Microsoft* (2026)
- Analyzing Data in Tableau — *DataCamp* (2024)
- Intermediate SQL — *DataCamp* (2025)
- Data Manipulation with Pandas — *DataCamp* (2024)
- Intermediate Python — *DataCamp* (2024)

REFERENCES

Santosh Adhikari, PhD
Acting Head of Department of Economics
Kathmandu University
Email: santosh.adhikari@ku.edu.np
Relationship: Lecturer and Research Supervisor

Prajjwal Dhungana
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Princeton University
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Relationship: Employee and co-author