



International Institute for Population Sciences

Deemed to be University

(An Autonomous Organization of Ministry of Health & Family Welfare, Government of India)

M.Sc.SURVEY RESEARCH AND DATA ANALYTICS

PLACEMENT BROCHURE

2024-26



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MESSAGE FROM THE Director



Dear Recruiter,

I'm delighted to introduce the International Institute for Population Sciences (IIPS) in Mumbai, an institution with a rich history dating back to 1956. IIPS has earned the status of a Deemed University due to its significant contributions to demographic and health research, teaching, and training. The institute excels in combining cutting-edge research with effective teaching, thanks to its accomplished and diverse faculty members.

Our students are well-prepared to work with extensive datasets, employ advanced quantitative and qualitative techniques, and interpret their findings to support improved policies and program interventions. They particularly shine in the fields of Population Sciences and Biostatistics. Through collaborations with international organizations like UNICEF, UNFPA, WHO, and prestigious universities worldwide, we offer our students exposure to the latest developments in population and health research.

I extend a warm invitation for you to visit our campus and engage with our students, who not only possess valuable skills, knowledge, and diverse field experience but have also embraced the values and ethics of our institution. These principles will guide them to become valuable assets to your esteemed organizations, whether they work on small-scale or large-scale projects, from rural communities to the global stage. They are committed to making a positive impact on society, the environment, the economy, education, and various other fields, all while maintaining a strong sense of compassion and humanity.

Dr. Dewaram A. Nagdeva
Director(Additional Charge),
International Institute for Population Sciences,
Mumbai

MESSAGE FROM THE Course Coordinators

Warm greetings from the International Institute for Population Sciences (IIPS), Mumbai! We are pleased to introduce the first batch (2024–26) of the MSc program in Survey Research & Data Analytics. This two-year multidisciplinary program equips students with a strong foundation in Mathematics, Statistics, and Computer Science, transforming this knowledge into advanced data science with a focus on survey research and data analytics. Our students gain hands-on experience with tools like STATA, Python, R, MS Power BI, GIS, NVIVO, and others, alongside a deep understanding of large-scale surveys, demographic techniques, and advanced analytics including AI and machine learning. The curriculum also covers key topics such as data collection methods, sampling, visualization, predictive modelling, program monitoring, and health and social data analysis, with a strong emphasis on ethics and publication in survey research.

IIPS's extensive experience in large-scale surveys provides students with valuable insights into real-world data challenges. This diverse group of students, trained in both technical skills and survey research methodologies, is well-prepared for roles in national and international organizations, tackling complex data problems and informing policy decisions.

We invite you to connect with this dynamic cohort and explore potential collaboration opportunities.



Dr. LAXMIKANT DWIVEDI
Professor and Head

International Institute for Population Sciences,
Mumbai



Dr. PREETI DHILLON
Assistant Professor

International Institute for Population Sciences,
Mumbai

MESSAGE FROM THE **Placement Coordinators**

Dear Recruiter,

International Institute for Population Sciences (IIPS) is a world class institution for education and research on population sciences and biostatistics. Our students are trained to excel in informed data analytics and to be research leaders in future. The institute has always been a prominent destination for recruiters from research organizations, development sector, and industry. Placement cell is totally dedicated towards providing support to recruiters in their recruitment process.



Dr. Abhishek Singh

Professor & Head
International Institute for Population Sciences,
Mumbai



Dr. Nandita Saikial

Professor,
International Institute for Population Sciences,
Mumbai

ABOUT

IIPS

The International Institute for Population Sciences (IIPS), Mumbai, formerly known as the Demographic Training and Research Centre (DTRC) till 1970, was established in July 1956 under the joint sponsorship of Sir Dorabji Tata Trust, the Government of India and the United Nations. It serves as a regional center for Training and Research in Population

Studies for the ESCAP region. IIPS holds a unique position among all the regional population centers. It was the first such center started, and it serves a much larger population than any of the other regional centers. The Institute is under the administrative control of the Ministry of Health and Family Welfare, Government of India. Institute had conducted many prime surveys like National Family Health Survey (NFHS), District Level Household Survey (DLHS), Assessment of National Rural Health Mission (NRHM), YOUTH in India Project, Global Youth Tobacco Survey (GYTS India Project), South Asia Centre for Labour Mobility and Migrants (SALAM), The World Health Organisation's Study on global Ageing and adult health (SAGE), R4D India: Inclusive Social Protection for Chronic Health Problems, Youth in India

study. SWABHIMAAN Project, (Gender Equity and GENDER Demography Research) Project, Maternal and Newborn Health (MNH) Exemplars India Study, Longitudinal Survey of Maternal and Infant Nutrition in Maharashtra (LoSMINM) and Longitudinal Aging Study in India (LASI).

About Course

Survey Research and Data Analytics

The M.Sc. in Survey Research and Data Analytics at the International Institute for Population Sciences (IIPS), Mumbai, is a specialized program designed to equip students with robust skills in data collection, survey methodology, and statistical analysis. This interdisciplinary program focuses on both theoretical and applied aspects of survey research, preparing graduates to address complex social and population-based issues. Core areas include sampling methods, data analysis, questionnaire design, and computational techniques, alongside the use of advanced software tools for data handling. By integrating real-world applications and research projects, students gain practical experience in analyzing and interpreting data relevant to public policy, health, and social sciences. This program aims to develop proficient data analysts and researchers ready to contribute to academic, governmental, and corporate sectors where data-driven decision-making is essential.

Batch Statistics

Batch Strength
24



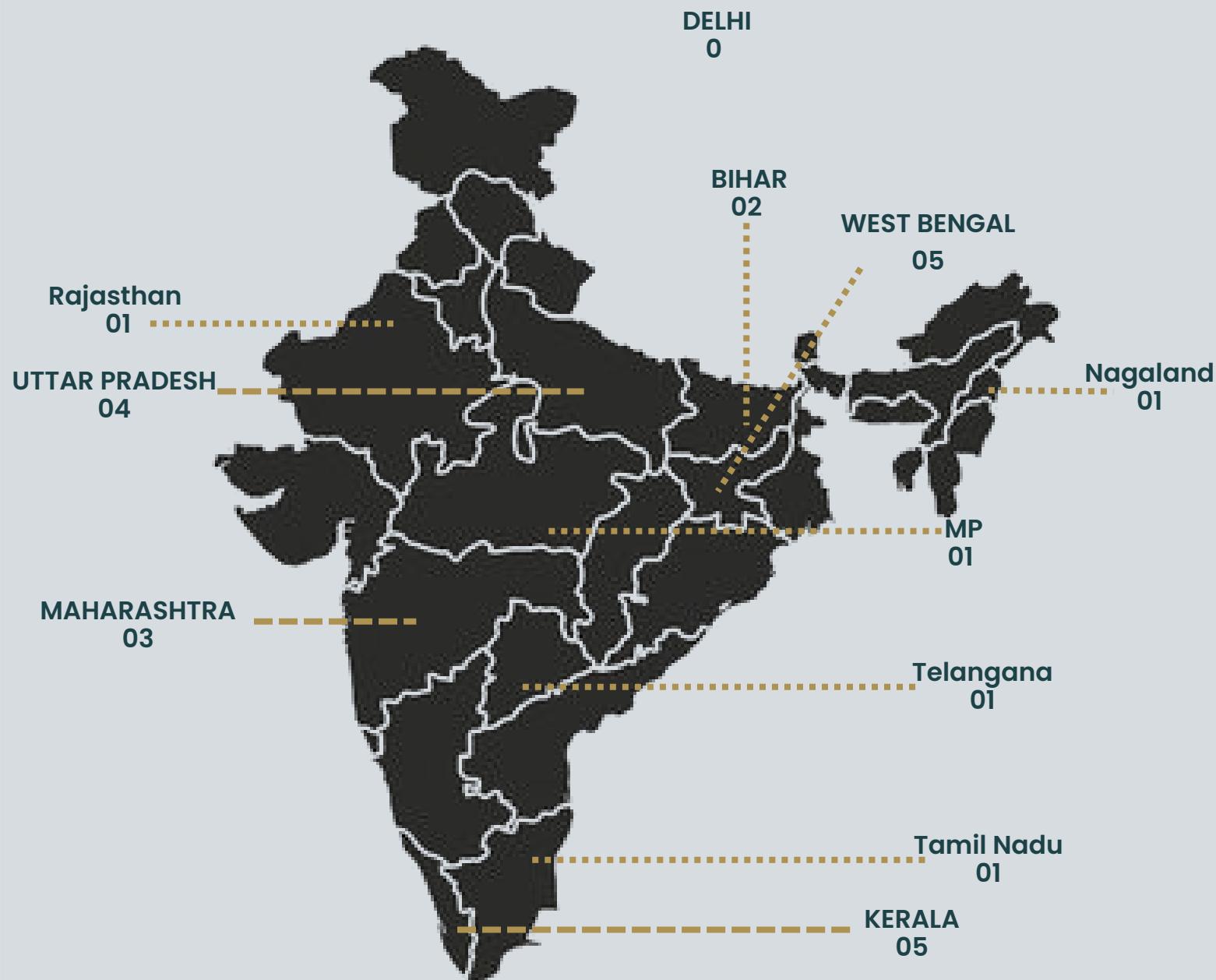
Female
14



Male
10

Batch Strength
24

REGIONAL DIVERSITY



Master of Science Survey Research And Data Analytics MSRDA



"Research is not about data alone – it is about using data to lift society higher."

~Dr. A.P.J. Abdul Kalam

STUDENT'S PROFILE

Adnan Khan



Email : adnan0589123a@gmail.com

LinkedIn : @adnankhan

ACADEMIC BACKGROUND : BSC in Mathematics, Statistics and ComputerScience, Bundelkhand University

KEY SKILLS : Secondary Data Analysis, Stata , Python , Sentiment Analysis, Semantic Analysis , Narrative analysis , Altas.ti ,CSpro SAAS, Power BI, Ms Excel, SQL,Tableau, Mortpak.

AREA OF INTEREST : Public Health , Monitoring & Evaluation

LANGUAGE : English, Hindi

INTERNSHIP(S) POSITIONS : Research intern, Field work for surveys, Qualitative Data Analyst

INTERNSHIP(S) INSTITUTIONS : Ketawa Centre For Behaviour Change Chandigarh

Aiswarya Lakshmi P R



Email : aiswarya2232@gmail.com

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ACADEMIC BACKGROUND : BSc in Mathematics, Physics and Statistics, Indira Gandhi National Tribal University, M.P.

KEY SKILLS : Data cleaning, statistical modeling, and visualization for evidence-based policy analysis (Python and Stata).

AREA OF INTEREST : Data Analysis, Statistical Modelling, Machine Learning, Predictive Analysis, Public-Policy research, Monitoring and Evaluation

LANGUAGE : English, Hindi

INTERNSHIP(S) POSITIONS : Monitoring and Evaluation Research Intern

INTERNSHIP(S) INSTITUTIONS : , Ministry of Statistics and Programme Implementation

Bina Oraon



Email : binaoraon@gmail.com

LinkedIn : @binaoraon

ACADEMIC BACKGROUND : BSc. Mathematics, Presidency University, Kolkata

KEY SKILLS : MS Office, Statistical Software (SPSS, STATA),Python, SQL, ATLAS.ti, kobo toolbox

AREA OF INTEREST : Data Analysis, Machine Learning

LANGUAGE : English, Hindi, Bengali

INTERNSHIP(S) POSITIONS : Secondary Data Analyst

INTERNSHIP(S) INSTITUTIONS : Studio 1947

Bipul Kr. Roy

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ACADEMIC BACKGROUND : B.Sc. IT (Information Technology), Uttranchal College of Science & Technology, HNB Garhwal University, Srinagar

KEY SKILLS : Data analysis, survey design, monitoring and evaluation, research and development ,GIS (QGIS), Research Tools/Method, Verbal and written communication, Interpersonal Skills, Team Collaboration, Public Engagement, Management, Leadership

AREA OF INTEREST : Public health and gender education , MEL, AI/ML

LANGUAGE : English, Hindi

INTERNSHIP(S) POSITIONS : Monitoring Evaluation Intern, Data Analyst & Qualitative & Quantitative Research Analyst

INTERNSHIP(S) INSTITUTIONS : The Hans foundation, Muheem: ek Sarthak prayash, ImpactDash

Debadittha Ganguly

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ACADEMIC BACKGROUND : MSc. Statistics , Aliah University

KEY SKILLS : Handling Large-Scale Datasets using programming languages and software like R-Programming, Python Programming, STATA, and Power BI.

AREA OF INTEREST : Mortality, Ageing, Maternal and Child Health, Mathematical Demography

LANGUAGE : English, Hindi,Bengali

INTERNSHIP(S) POSITIONS : Research intern

INTERNSHIP(S) INSTITUTIONS : Indian Statistical Institute, Kolkata

Deva Dharshini M

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ACADEMIC BACKGROUND : BSc. Statistics, National College of Science, Tamil Nadu

KEY SKILLS : Python, SQL, SPSS, Stata, PowerBI, MS office, CsPro

AREA OF INTEREST : Data analyst, Sports analyst, Business analyst

LANGUAGE : English, Hindi

INTERNSHIP(S) POSITIONS : Research intern, Field work for surveys

INTERNSHIP(S) INSTITUTIONS : Ministry of statistics and programme implementation

Devana Sree Hari

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ACADEMIC BACKGROUND : B.Tech CSE, Vignana Bharati Institute of Technology

KEY SKILLS : MS (Word, PowerPoint, Excel), Stata, R, SPSS

AREA OF INTEREST : Research

LANGUAGE : English, Hindi

INTERNSHIP(S) POSITIONS : Research intern

INTERNSHIP(S) INSTITUTIONS : Centre for Economic and Social Studies

Hari Krishnan P

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ACADEMIC BACKGROUND : BSc (Hon) Statistics, Hindu College, Delhi University

KEY SKILLS : Power BI, STATA, AMOS, Python, R, SPSS, MS Office, ATLAS ti

AREA OF INTEREST : Data Analysis, Monitoring & Evaluation, Structured Equation Modelling

LANGUAGE : English, Hindi

INTERNSHIP(S) POSITIONS : Research intern, Primary Data Analysis

INTERNSHIP(S) INSTITUTIONS : Goa Institute of Management

Harsha ShyJilin

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ACADEMIC BACKGROUND : BSc. Statistics, Madras Christian College, Chennai

KEY SKILLS : Data Analysis, Stata, Excel, Python, R (Basics), Survey Research, Power BI Dashboards

AREA OF INTEREST : Survey Research, Data Analytics, Public Health & Social Policy Data

LANGUAGE : English, Hindi, Malyalam

INTERNSHIP(S) POSITIONS : Research intern

INTERNSHIP(S) INSTITUTIONS : Centre for Development of Advanced Computing (C-DAC), Juhu

Heurangdaile Guing

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ACADEMIC BACKGROUND : BSc. Statistics, Kohima Science College, Nagaland

KEY SKILLS : Statistical analysis, data visualization, dashboard creation, and report writing using Stata, Excel, Power BI, and SQL. Strong analytical thinking, problem-solving, attention to detail, and effective communication skills.

AREA OF INTEREST : Survey methodology, questionnaire design, program evaluation and impact assessment, and public health and ageing research.

LANGUAGE : English, Hindi

INTERNSHIP(S) POSITIONS : Assisting in Monitoring activities involved in the field

INTERNSHIP(S) INSTITUTIONS : District Hub Empowerment for Women (Peren District)

Lilly Rose Jose

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ACADEMIC BACKGROUND : BSc. Statistics (Minors - Eco, Maths), St. Xavier's College, University of Mumbai

KEY SKILLS : Analytical skills, Stata, Qualitative & Quantitative Research, PowerBI

AREA OF INTEREST : Development Sector, Data Analysis, Statistical Analysis

LANGUAGE : English, Hindi, Malayalam

INTERNSHIP(S) POSITIONS : Research intern, Secondary Data Analysis, Field work for surveys

INTERNSHIP(S) INSTITUTIONS : Bagchi School of Public Health, Ahmedabad

More Rachita Rohit

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ACADEMIC BACKGROUND : BSc. Statistics, Savitribai Phule Pune University

KEY SKILLS : statistical analysis, data visualization, research reporting using R, Stata, Python, Power BI, Tableau, and Excel.

AREA OF INTEREST : Survey Research, Data Analytics, Public Health.

LANGUAGE : English, Hindi, Marathi

INTERNSHIP(S) POSITIONS : Research intern, Secondary Data Analyst

INTERNSHIP(S) INSTITUTIONS : Indian Institute of Information Technology, Design and Manufacturing - Kancheepuram

Omisha Vaish

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ACADEMIC BACKGROUND : BSc. (Hons) Statistics , Lady Shri Ram College (LSR), Delhi

KEY SKILLS : R Programming, Python, PowerBI, Microsoft Office, Stata, SPSS Programming, Strong communication and presentation skills

AREA OF INTEREST : Data Analytics, Machine Learning, Business Analysis, Public Health, Finance, Statistical Research, M&E, Data Science

LANGUAGE : English, Hindi

INTERNSHIP(S) POSITIONS: Research intern

INTERNSHIP(S) INSTITUTIONS : Indian Institute of Technology(IIT) Gandhinagar

Girish Patil

Email : girishpatil2601@gmail.com
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ACADEMIC BACKGROUND : BSc–Statistics Pratap College, Alammer

KEY SKILLS : Data quality assurance, Data audits, primary longitudinal data, Data audits using audio, field check tables, and identifying inconsistencies in the data. Quantitative and Qualitative Research methodologies, Report writing, Survey design, Data collection

AREA OF INTEREST : Social Sector

LANGUAGE : English, Hindi

INTERNSHIP(S) POSITIONS : Project intern, Research Intern

INTERNSHIP(S) INSTITUTIONS : 1. DVARA Research, Bangalore 2. National Foundation for India (Abhijit Sen Rural Internship)

Priyanshu Sharma

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ACADEMIC BACKGROUND : B.Sc–(PCM), Dr. Bhimrao Ambedkar University, Agra

KEY SKILLS : Statistical analysis (R, Stata, Python), Meta-analysis , Report writing and Documentation

AREA OF INTEREST: Public Health & Epidemiology, Demography (Health, Family, and Ageing), Statistical Modelling & Machine Learning, Computational Demography, Mathematical Demography

LANGUAGE : English, Hindi

INTERNSHIP(S) POSITIONS : Research intern

INTERNSHIP(S) INSTITUTIONS : School of Computational and Integrative Sciences, JNU

Ramnaresh



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ACADEMIC BACKGROUND : BSc-PCM, Shekhawati Mahavidyalaya, Pandit Deendayal Upadhyaya

KEY SKILLS : MS Office, Experienced in end-to-end data workflows—survey design, data management, EDA, ML/DL modelling, and impact evaluation—using Python, R, STATA, and advanced visualization tools like Power BI and Tableau.

AREA OF INTEREST : AI/ML, Data Analysis, Climate , Cognitive Health and Dementia Research

LANGUAGE : English, Hindi

INTERNSHIP(S) POSITIONS : Research intern, Primary Data Analysis, Secondary Data Analysis, Big data analysis, Field work for surveys

INTERNSHIP(S) INSTITUTIONS : 1.IIHMR,Jaipur 2.Rajasthan Parvasi(ngo) 3. CAP Rajasthan(Core Team Member)

Ranveer Raj



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ACADEMIC BACKGROUND : BSc. Statistics ,Patna Science College, Patna

KEY SKILLS : Data Cleaning & Analysis, Survey Research , Power BI & Tableau , Python (Pandas, NumPy), R Programming, SQL, Statistical Modeling,, Dashboard Development, Qualitative Analysis, Report Writing & Presentation

AREA OF INTEREST : Data Analytics, Survey Research, Public Health Data, Statistical Modeling, Dashboard Development, Consumer Behavior Analysis, Social Research

LANGUAGE : English, Hindi

INTERNSHIP(S) POSITIONS : Monitoring and Evaluation intern

INTERNSHIP(S) INSTITUTIONS : The Hans Foundation

Sana Fathima H M

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ACADEMIC BACKGROUND : BSc(Hons)- Statistics Hindu college, University of Delhi

KEY SKILLS : Python, R ,STATA, SPSS, SQL, PowerBI, MS Office, Statistical Modelling, Analytical skills and documentation

AREA OF INTEREST : AI & Machine Learning,Data Science,Statistical Modelling,Survey Research, Public Health Analytics,Clinical trials,Monitoring & Evaluation

LANGUAGE : English, Hindi, Malayalam

INTERNSHIP(S) POSITIONS : Research intern & Big data analyst

INTERNSHIP(S) INSTITUTIONS : ICMR-NIE Chennai, UL Technology Solutions Calicut

Senjuti Roy



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ACADEMIC BACKGROUND : BSc. (Hons) Statistics ,Bethune College, Calcutta University

KEY SKILLS : Stata, Python, R Programming, Power BI, Tablea, C Programming, CSPro, ATLAS.ti, SQL, Excel, Data Management

AREA OF INTEREST : Data Analysis, Business Analysis, Machine Learning, M&E, Public Health, Data Science, Statistical Research.

LANGUAGE : English, Hindi

INTERNSHIP(S) POSITIONS : Research Intern

INTERNSHIP(S) INSTITUTIONS : Institute of Development Studies Kolkata (IDSK), AG Consultancy

Shalini Dehariya



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ACADEMIC BACKGROUND : M.Sc – Mathematics National Institute of Technology, Calicut

KEY SKILLS : Data Analysis, Survey Research , Statistical Tools (Stata, Python, Power BI, SQL, ML) Questionnaire Design , Report Writing

AREA OF INTEREST : Data Analytics and Demographic Research

LANGUAGE : English, Hindi

INTERNSHIP(S) POSITIONS : Monitoring, Evaluation and Research Intern

INTERNSHIP(S) INSTITUTIONS : The Hans Foundation

Shubham Tiwari



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LinkedIn : @shubhamtiwaribhu

ACADEMIC BACKGROUND : BSc (Hons) – Statistics, Banaras Hindu University, Varanasi

KEY SKILLS : STATA, Python, R, Atlas.ti, Power BI, MS-Office Suite

AREA OF INTEREST : Survey Research, Data Science, Demography, Public Health, Health Inequality

LANGUAGE : English, Hindi

INTERNSHIP(S) POSITIONS : Research intern & Secondary Data Analyst

INTERNSHIP(S) INSTITUTIONS : NICPR-ICMR

Sreya Bhattacharya



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ACADEMIC BACKGROUND : BSc. (Hons) Statistics, Basanti Devi College (Calcutta University)

KEY SKILLS : quantitative data analysis (Stata, R, Python) & qualitative data analysis(ATLAS.ti), survey design, and field-based data collection. monitoring and evaluation, kobo toolbox, Power BI, Tableau, Excel, report writing, and project documentation.

AREA OF INTEREST : Health, Development, Public Policy, Migration

LANGUAGE : English, Hindi

INTERNSHIP(S) POSITIONS : Field work for surveys, Monitoring and Evaluation

INTERNSHIP(S) INSTITUTIONS : Hans Foundation , AG Consultancy

Srijani Mondal



Email : srijanim75@gmail.com

LinkedIn : @srijonimondal

ACADEMIC BACKGROUND :MSc-Statistics ,University of Calcutta

KEY SKILLS : Statistical analysis, R, Python, Stata, Power BI, Questionnaire making in Kobo Tool Box, Survey CTO, quantitative and qualitative data analysis

AREA OF INTEREST : Health, Development, Public Policy, Migration

LANGUAGE : English, Hindi ,Bengali

INTERNSHIP(S) POSITIONS : Research intern & Monitoring and Evaluation

INTERNSHIP(S) INSTITUTIONS : AG Consultancy, Ministry of Statistics and Programme Implementation, NSO

Vrushali Shinde



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ACADEMIC BACKGROUND : BSc-Statistics, VPM BN Bandodkar, College of Science

KEY SKILLS : Python (data cleaning, pandas, numpy, basic plotting with matplotlib, simple automation scripts),Stata, SQL(Basic),Excel(Advance)

AREA OF INTEREST : Policy research organizations, Data analytics in banking,

LANGUAGE : English, Hindi

INTERNSHIP(S) POSITIONS :Monitoring and Evaluation Intern

INTERNSHIP(S) INSTITUTIONS : Passing Gifts

PLACEMENT CELL

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Placement Cell Coordinators



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Dr. Nandita Saikia
nanditasaiikia@iipsindia.ac.in

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Shubham Tiwari
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