

Ayush Patel

ASSOCIATE

Patna, Bihar, India

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Work Experience

IDFC Institute

Patna, India

ASSOCIATE

Nov 2019 - Present

- Experimental and non-Experimental research to understand complaint behaviour under the Bihar Public Grievance Redressal Act (BPGRA).
- Designing experiments to understand transaction costs of exercising rights under BPGRA and the effects of perceived and actual backlash.
- Technical support to State agencies for analysis of complaints data, designing performance metrics and creating visualizations to communicate insights from data.
- Training and managing a team of enumerators to implement field and telephonic surveys.

Oxford Poverty & Human Development Initiative, University of Oxford

Remote

CONSULTANT

Jun 2020 - Present

- Designing reproducible workflows to creating Multidimensional Poverty Index using R for Global MPI and national trainings.
- Training colleagues to use R for data wrangling, analysis and visualization.
- Designing and deploying dashboards using Global MPI data (2020) to present use cases of dynamic web applications.

Tribal Development Department, Government of Maharashtra

Mumbai, India

PROGRAM MANAGER

Feb 2018 - Oct 2019

- Supported the office of Principal Secretary with research, monitoring and evaluation of developmental schemes and the aspirational districts programme.
- Assessed and recommended development projects in agriculture, income generation and skill development sectors.

Swaniti Initiative and Tata Trusts

Nandurbar, India

SPARC ASSOCIATE

Dec 2016 - Dec 2017

- Analysed economic, demographic indicators and the state of public service delivery for the Lok Sabha Constituency of Nandurbar.
- Evaluated Central Sector Schemes in Nandurbar to gauge their reach to beneficiaries.

Observer Research Foundation

Mumbai, India

RESEARCH INTERN

Apr 2016- May 2016

- Research support to understand loss of income due to reversible blindness.
- Interviewed stakeholders in the field of eye care to understand reasons for lack of access and possible solutions for this lacuna.

Teaching R programming and Data Skills

I am India's first RStudio Certified Tidyverse Instructor, I enjoy teaching data analysis skills using R at workshops and training session.

- A short training session on **Introduction to Web Scraping** for students at the Mumbai School of Economics and Public Policy, University of Mumbai.
- A workshop on **Introduction to Data Visualizations and Reproducible Research in R** for **Association SNAP**.
- I am an **Instructor for data science certificate course** offered at Meghnad Desai Academy of Economics. I teach fundamentals of R programming for beginners, data wrangling and visualization.

Education

Mumbai School of Economics and Public Policy

POST GRADUATE DIPLOMA IN BUSINESS ANALYTICS

Mumbai, India

2018-19

- Project: A Multidimensional Poverty Index for public goods of villages across Maharashtra using census 2011 data.

Meghnad Desai Academy of Economics

POST GRADUATE DIPLOMA IN ECONOMICS AND FINANCE

Mumbai, India

2015-16

- Thesis: An analysis of the recommendations by Financial Sector Legislative Reforms Commission (FSLRC) and Urjit Patel Committee (UPC) on structure, accountability and communication practices of Monetary Policy Committee (MPC) for India; Advisor: Dr Niranjana Rajadhyaksha

G.H.Patel College of Engineering and Technology

BACHELOR'S IN ENGINEERING (ELECTRICAL)

Vallabhvidyanagar, India

2011-15

- Dissertation: Identified applications of existing carrier communication technologies in power line. Designed a Power Line Communication Modem Circuit to control the home appliances between a Host PC and a Slave Application Device; Advisor: Mr Sumit Rathor

Other Academic Courses

Multidimensional Poverty Analysis - a Summer School (12th August – 24th August 2019, Mexico City) organized by Oxford Poverty & Human Development Initiative (OPHI), University of Oxford and El Consejo Nacional de Evaluación de la Política de Desarrollo Social (CONEVAL). Received a financial grant from OPHI to attend the Summer School.

Energy Subsidy Reforms - a course offered by IMFx (MOOC)