



## INDIAN INSTITUTE OF MANAGEMENT AHMEDABAD

*Requires*

### Research Associate – Data Science and Computation

We invite you to apply for one-year full-time Research Associate position in **data science and computation**.

The mission is to generate socially impactful research and innovation. This position has three additional advantages:

- The RA will work with exciting observational & experimental data from tech-firms.
- The RA can work on interdisciplinary research lab, including leading research in ad-tech, machine learning, health-tech, algorithmic fashion. Every day in the office, you will do data science but also have the chance to learn from other disciplines.
- The RA will work with multiple researchers, not just one, on different kinds of projects.

#### **Our research interns are currently working on projects such as:**

- Combining causal inference and machine learning
- Quantifying the fashion trends
- Impact of AI and Human assistance on health outcomes

#### **Role Description:**

- Collect, clean, synthesize and analyze data. Produce statistical models.
- Develop and maintain expertise in new research methodologies and techniques at the intersection of econometrics, machine learning and deep learning. Manage and manipulate data using requested languages, including, for example, Python, R, MATLAB, and C++.

#### **Qualifications:**

- Applicants must have bachelor's or master's degree.
- Applicants must have strong quantitative skills. A degree in a quantitative field (such as applied math, statistics, physics, operations research, or computer science) is required.
- Applicants should be motivated to expand their knowledge and expertise in working with data cleaning, describing, understanding, connecting with theory, analysing, and presenting.

**Skillset:** Applicants must have programming experience and expertise in applied econometrics, machine learning and deep learning. Preferred languages include Python, R, MATLAB, and C#.

**Tenure of the appointment :** The appointment is initially for 12 months with a potential for extension based on performance.

**Location:** The selected candidate will be working from IIM Ahmedabad campus. IIMA provides access to the library and computer center for all Research Associates. If selected, the candidate is expected to manage their own accommodation, outside the IIMA campus which is centrally located within the city of Ahmedabad.

**Reporting To:** Prof. Anuj Kapoor (quantitative marketing, computational social science, applied microeconomics)

The RA will also work with outside collaborators including Prof. Sridhar Narayanan (Stanford), Prof. Harish Guda (Arizona State University), Prof. Paramvir Dhillon (Michigan).

**Compensation:** Compensation will be commensurate with the qualification and experience.

**Last date to apply:** 5-December-21

**Mode of Application:** To apply, please send an email including CV and transcripts (unofficial is fine) to [anujk@iima.ac.in](mailto:anujk@iima.ac.in) with the subject: "Data Science Research Associate" (Applications without the proper subject may not be considered).

On December 8th, we will contact a subset of applicants and invite them to do a data analysis challenge during the 48-hour period of their choice between December 8th and December 10th. We plan to do interviews and make offers in the third week of December.

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