Mayukh Ghosh

Curriculum Vitae

CONTACT INFORMATION	**Address:** Plantage Muidergracht 12 Amsterdam, Netherlands 1018 TV	**Mobile:** +31 6 44965858 **E-mail:** m.ghosh@uva.nl

EDUCATION

- **PhD Candidate**   Mar 2020 - Present
  Amsterdam Business School, University of Amsterdam
  Thesis Title: TBD
  Supervisors: Dr. Chintan Amrit, Prof. Joaquim Gromicho

- **Masters of Statistics** (M.Stat)   Jul 2014 - Jun 2016
  Indian Statistical Institute

- **Bachelor of Statistics** (B.Stat)   Jul 2011 - Jun 2014
  Indian Statistical Institute

EXPERIENCE

Academia

- **Teaching Assistant, Amsterdam Business School, University of Amsterdam**
  Amsterdam, Netherlands   Dec 2020 - Present

- **Lecturer, Amsterdam Business School, University of Amsterdam**
  Amsterdam, Netherlands   Apr 2024 - Jul 2024

- **Visiting Researcher, Northeastern University**
  Boston, USA   Aug 2023 - Oct 2023

Industry

- **Data Scientist, Epsilon**
  Bangalore, India   Jul 2019 - Jan 2020

- **Assistant Manager: Data Science, Citibank**
  Bangalore, India   Aug 2016 - Jun 2019

- **Summer Intern, FinIQ Consulting**
  Pune, India   May 2014 - Jul 2014

- **Summer Intern, IFMR Research**
  Chennai, India   Jun 2013 - Jul 2013

TEACHING

- **Computer Systems and Engineering - Information and Data management (CSE-IDM)**, BSc Business Analytics
  Lecturer, Course-Designer   Apr 2024 - Jul 2024

- **Data Science for Business (DSB)**, MSc Business Administration
  Teaching Assistant   Nov - Dec, 2020-2023

- **Information and Data Management (IDM)**, BSc Business Administration
  Teaching Assistant   Feb - Apr, 2021-2023

Peer-Reviewed Journals

- **Ghosh, M.**, Kuiper, A., Mahes, R., and Maragno, D., 2023; "Learn global and optimize local: A data-driven methodology for last-mile routing". *Computers & Operations Research* (159), p. 106312.

- Emmens, T., Amrit, C., Abdi, A., and **Ghosh, M.**, 2021; "The promises and perils of Automatic Identification System data". *Expert Systems with Applications* (178), p.114975.

Under Review/ Submitted

- **Ghosh, M.**, Raziei, Z., Amrit, C., Ergun, O., Radhakrishnan, S., Hug, J., Ghoos, K., and Magagi, S.; "Novel Data Analytic Methods to Improve Burden Estimates for Wasting". Revise and Resubmit*, Nature Food.*

- de Jongh, D., Amrit, C., **Ghosh, M.**, Kuiper, A., van Capelleveen, G., and Huzeyfe, T.; "Reducing Truck Congestion in Landside Air Cargo Processes". Major Revision, *IEEE Transactions on Engineering Management.*

- de Jager, J., Amrit, C., **Ghosh, M.**; "#StayAtHome: Antecedents of online persuasion during the COVID-19 pandemic". Revise and Resubmit, *Technological Forecasting & Social Change.*

In Preparation

- **Ghosh, M.**, Amrit, C., Gromicho, J.; "Extending Knowledge Transfer in Data Analytics Through Cross-Domain Analysis", (2024+).

- **Ghosh, M.**, Amrit, C., Gromicho, J., and Brokkelkamp, J.; "A Decision Support Tool for Domain-Driven Mobile Clinic Routing: A Case Study in Kenya", (2024+).

Technical Report

- Ergun, O., Radhakrishnan, S., Hug, J., Raziei, Z., **Ghosh, M.**, Amrit, C. (2023); "Novel Data Analytic Methods to Improve Burden Estimates for Wasting".

- USD 30000 for "Predicting Wasting" (jointly with Dr. Chintan Amrit) from the World Food Programme, 2021.

Contributed Presentations

- Doctoral Consortium, Forty-Fifth International Conference on Information Systems (ICIS), Bangkok, Thailand, 2024 *.

- Production and Operations Management Society (POMS) International Conference, Paris, France, 2023.

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*upcoming

- INFORMS Annual Meeting, Indianapolis, USA, 2022 [†].

- Doctoral Consortium, 30th Annual Workshop on Information Technologies and Systems (WITS), Online, 2020.

Invited Presentations

- AMREF International University (AMIU) 1st Primary Health Care Congress, Hybrid, 2023.

- Analytics for a Better World (ABW) Conference, Amsterdam, Netherlands, 2023.

MENTORING

Graduate advisor / Co-advisor

- Joram Brokkelkamp (MSc. Business Analytics, 2023)

Graduate Committee / Second Reader

- **MSc. Business Administration, 2022**:
  Daan Eitjes, Diana Frediani, Elena Derr, Katerina Todorova, Megan Haazelager, Shiwanie Gopal

- **MSc. Business Administration, 2021**:
  Ana Rita Perreira, Joonas Villanen, Maureen Nieste, Raquel Martens, Wouter de Boer, Zahra Zarifianshafiei

ACHIEVEMENTS AND HONOURS

- Top 5% (12th out of 229 teams) in the **Amazon Last Mile Routing Research Challenge**, Amazon and MIT Center for Transportation & Logistics, 2021.

- Silver medal (top 5%) in the **Prostate Cancer Grade Assesment Challenge** (PANDAS), Kaggle, 2020.

- Bronze medal (top 10%) in the **IEEE-CIS Fraud Detection**, Kaggle, 2019.

- **INSPIRE** scholarship, Department of Science and Technology, Govt. of India, 2011 - 2016.

- **Jagadis Bose National Science Talent Search (JBNSTS)** scholarship, 2011-2016.

PROFESSIONAL RESPONSIBILITY

- Served as a reviewer for Information Systems Frontier and PeerJ Computer Science.

- Co-designer of case study for VSAE Econometric Games, Amsterdam, Netherlands, 2023.

[†]S Radhakrishnan had to present our work due to visa unavailability.

SOCIAL
RESPONSIBILITY

- Organizer, Departmental Reading Group, Business Analytics Section, Amsterdam Business School, 2022.

- Joint Secretary, Integration: the annual techno-cultural fest of Indian Statistical Institute, Kolkata, 2013, 2014.

- Head, General Affairs Committee, Boys' Hostel of Indian Statistical Institute, 2015.

- Member, Sports Committee, Treasure Hunt Organizing Committee, Literary Affairs Committee, Boys' Hostel of Indian Statistical Institute, 2013-2015.

TECHNICAL
EXPERTISE

Python, R, PySpark, SAS, SAS Eminer, Rapidminer, SQL, STATA, LaTeX, Microsoft Office Suite.

REFERENCES

- Dr. Chintan Amrit
- Prof. Joaquim Gromicho
- Prof. Ilker Birbil
- Prof. Ozlem Ergun