

# **Arin Brahma, Ph.D.**

**Assistant Professor of Information Systems and Business Analytics, College of Business Administration at Loyola Marymount University**

Los Angeles, CA, US

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## **Biography**

You can contact Arin Brahma at [abrahma@lmu.edu](mailto:abrahma@lmu.edu). Arin joined LMU as a tenure-track assistant professor in 2018. Prior to that, Arin served as a full-time clinical assistant professor at LMU from 2013 to 2018. Arin's areas of expertise include machine learning, big data, operations management and supply chain analytics, and robotic process automation (RPA), with a special focus on the healthcare and financial services industries. Arin's research areas of interest include AI/Machine Learning in medical informatics, health IT, and financial services. Arin's research is application-centric and incorporates Design Science Research (DSR) methods when appropriate. Arin has presented papers in top academic conferences such as ICIS and DESRIST and published research papers in top IS journals such as DSS and JASIST. Arin also contributes to the community of scholars as an Area Editor of Health Systems Journal (Taylor & Francis:

<https://www.tandfonline.com/action/journalInformation?show=editorialBoard&journalCode=thss20> ) and has peer-reviewed many journal papers. Prior to LMU, Arin held many senior industry positions, founded technology start-ups and provided IT solutions as a consultant to many fortune 500 companies including Disney, Amgen, AT&T, Longs Drugs, etc. In 2019, Arin founded AI consulting company Kognivo out of LMU campus in collaboration with some of his ISBA faculty colleagues. Kognivo created many industry collaboration-based research opportunities for ISBA faculty and job placement opportunities for his students. Arin integrates his problem-solving approach learned from his vast industry experience into his course design and pedagogy. This has allowed him to design and develop many new cutting-edge technology courses at both the graduate and undergraduate levels. Arin was also a key contributor in the design of the LMU's flagship Master of Science in Business Analytics (MSBA) curriculum launched in 2020. Arin teaches courses such as Machine Learning, ML Model Deployment and MLOps, Big Data, Healthcare Analytics, and Operations and Supply Chain Management Analytics.

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## **Industry Expertise**

Health Care - Services, Financial Services, Retail, Transportation/Trucking/Railroad

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## **Areas of Expertise**

Machine Learning, Model Deployment and MLOps, Gen AI and Large Language Models (LLMs), Big Data Analytics, Healthcare Information Technology, Operations and Supply Chain Management, Cloud Computing, Systems Architecture and Design, Robotic Process Automation (RPA), Ecommerce

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## **Affiliations**

INFORMS, Association of Indian Management Scholars, Workflow Management Coalition (WfMC)

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## **Event Appearances**

**Robotic Process Automation (RPA) with AI ? A New Efficiency Paradigm**  
AIMS International Conference

**Comparing text mining methods for loan delay prediction**  
Decision Sciences Institute (DSI) Annual Meeting

**Predicting mortgage loan origination delays with text mining**  
Decision Sciences Institute (DSI) Annual Meeting

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## **Education**

**Claremont Graduate University**  
Ph.D. Data Science & Analytics

**Stanford University**  
Executive Certificate Information Technology

**National Institute of Industrial Engineering, India**  
MS Industrial Engineering

**Indian Institute of Technology, India**  
BS Engineering

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## **Accomplishments**

**Pending Patent (2023 application as principal inventor)**  
Design of a Generative AI Application on Private Corporate

**Founder ? ISBA Analytics Research Club (ARC)**  
College of Business Administration, Loyola Marymount University

**Chair ? ISBA Search and Recruitment Committee 2022**  
College of Business Administration, Loyola Marymount University

## **Industry Interview**

Featured in ?Meet the Expert? series of interviews by Pazanga Health Communications on the role of AI/Analytics in the healthcare space. (<https://pazangahealth.com/2021/02/20/meet-the-expert-arin-brahma/>)

**Panelist at Industry Roundtable Panel**

Discussion on "Data & Analytics: The Executive's Viewpoint," hosted by Kodiconnect (www.kodiconnect.com)

**New and Innovative Solutions in Outsourcing**

Speaker at 2006 SmartSourcing Conference in Universal City, CA

**Emerging Market: India ? Just Waiting**

Panelist at 2004 Foreign Trade Conference at Cal State University, Fullerton. Panel Topic - "Emerging Market: India ? Just Waiting?"

**India's New Role in the Global Economy**

Panelist at 2004 South Asian Business Association (SABA) Conference at UCLA Andersen School of Management. Panel Topic - "India's New Role in the Global Economy?"

**Integrated E-Business Framework**

Speaker at 1999 CRM One Conference in San Francisco, CA

**Object Oriented Design Techniques**

Speaker and Trainer at 1997 Advanced Technology Corporation in Atlanta, GA

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