

- Reinartz, Werner J., and Vita Kumar. "The impact of customer relationship characteristics on profitable lifetime duration." *Journal of marketing* 67, no. 1 (2003): 77-99.
- Slater, Stanley F., and John C. Narver. "Intelligence generation and superior customer value." *Journal of the academy of marketing science* 28, no. 1 (2000): 120.
- Specht, Donald F. "A general regression neural network." *IEEE transactions on neural networks* 2, no. 6 (1991): 568-576.
- Tsai, Chih-Fong, and Yu-Hsin Lu. "Customer churn prediction by hybrid neural networks." *Expert Systems with Applications* 36, no. 10 (2009): 12547-12553.
- Tsai, Chih-Fong, and Mao-Yuan Chen. "Variable selection by association rules for customer churn prediction of multimedia on demand." *Expert Systems with Applications* 37, no. 3 (2010): 2006-2015.
- Van den Poel, Dirk, and Bart Lariviere. "Customer attrition analysis for financial services using proportional hazard models." *European journal of operational research* 157, no. 1 (2004): 196-217.
- Vercellis, Carlo. *Business intelligence: data mining and optimization for decision making*. John Wiley & Sons, 2011.
- Wei, Chih-Ping, and I-Tang Chiu. "Turning telecommunications call details to churn prediction: a data mining approach." *Expert systems with applications* 23, no. 2 (2002): 103-112.
- Xia, Guo-en, and Wei-dong Jin. "Model of customer churn prediction on support vector machine." *Systems Engineering-Theory & Practice* 28, no. 1 (2008): 71-77.
- Xie, Yaya, Xiu Li, E. W. T. Ngai, and Weiyun Ying. "Customer churn prediction using improved balanced random forests." *Expert Systems with Applications* 36, no. 3 (2009): 5445-5449.

Davoud Gholamiangonabadi received his Master degree in Industrial Engineering from Amirkabir University of Technology (aka Tehran Polytechnique). He has broad interdisciplinary research interests covering topics in Big Data, Data Mining, Machine Learning, Meta-Heuristic Algorithms, Image Processing, and Artificial Neural Networks. He is considered an active member of the data mining research community and has published more than ten articles and conference posters.

Sanaz Nakhodchi received her B.Sc degree in Information technology from Islamic Azad University, Mashhad, Iran, 2010. She also has 4 years experience (2014-2018) at CERT (computer emergency response team) Lab in Ferdowsi University of Mashhad as a research assistant. She has joined the University of Guelph as a master student in computer science and a member of CyberScience Lab in 2018. Her research interests are Cloud Computing, Artificial Intelligence, IOT, Security and threat hunting. Her e-mail address is: nakhodcs@uoguelph.ca

Ammar Jalalimanesh received his BSc in industrial engineering from Buali-Sina University Hamedan, in 2004. He got his MSc in industrial engineering from KNT University of Technology, Tehran, in 2007. He has a PhD in system engineering from Amirkabir University of Technology (Tehran polytechnic). In 2015, during his PhD, he won a scholarship from DAAD, Germany and worked as a research scholar at Technical University of Munich (TUM) for one year. Currently, he is an assistant professor of information systems research group at IranDoc. His research interests include complex system modeling and agent-based simulation, computational biology, evolutionary optimization and soft computing. He has published more than 20 papers in scientific Journals and conferences.

Adele Shahi received her BSc in Statistical from Isfahan University of Technology (IUT), in 2008. She got her MSc in industrial engineering from Amirkabir University of Technology (Tehran Polytechnic), in 2015. Currently, she is a Corporate Performance Management (CPM) researcher at FANAP Company. Her research interests include Functional modeling, Dimensional modeling and Cube Design of Measures in SQL for Entrepreneur Resource Planning Systems Modules, Public Relationship Management, and Customer Relationship Management.