A person smiling for the camera

Description automatically generatedMohammad Adibuzzaman (Adib) is a computational scientist by training and have specialization in healthcare data analysis using machine learning and artificial intelligence techniques. He also has expertise in cloud computing infrastructure for high performance computing of large data sets. More specifically, his research focuses on integrating heterogeneous data sources for collaborative cloud computing and identifying causation from observational and experimental data for translational clinical research. He has been working at Purdue University on building campus wide initiatives for large clinical data analysis framework on distributed cloud computing environment using web-based solutions such as Jupyter notebook, Kubernetes and Hadoop. The ultimate goal is to add another layer on top of this system for artificial intelligence methods for reproducibility, share-ability and causal inference. He is also leading multiple artificial intelligence projects on healthcare using causal inference algorithms. Mohammad Adibuzzaman joined Regenstrief Center for Healthcare Engineering at Purdue University in July 2015. He has a PhD in Computational Sciences from Marquette University. He received his master’s degree in Computational Sciences in 2012 from the same university. Before going to Marquette, he worked as a Junior Research Assistant at the National University of Singapore and as a Software Engineer in Bangladesh. He also worked as an Oak Ridge Institute of Science and Engineering (ORISE) Fellow at the U.S. Food and Drug Administration in 2013 and 2014.