Conference Workshop 1

Data to Action: Leveraging Automated Interactive Reporting for Clinical Quality Registries (CQRs)

Join us for an exhilarating and transformative workshop as we dive into the dynamic world of automated interactive reporting, and its pivotal role in converting raw data into actionable insights for Clinical Quality Registries (CQRs). This cutting-edge event will take you through the main platforms and tools that can automate clinical reports and create interactive dashboards, streamlining the reporting process and saving valuable time and resources for CQRs. It is directly aligned with the national strategies Maximising the Value of Australia's Clinical Quality Outcomes Data by focusing on art reporting tools. Don't miss out on this golden opportunity to lead the charge in the data-driven revolution that's transforming standardisation, efficiency, innovation and impact. Whether you are a healthcare professional, a data analyst or manager, or deeply involved in the CQR business, this workshop promises to equip you with invaluable knowledge using state-of-the- healthcare.

About the presenter

Dr. Ahmad Reza Pourghaderi (Reza) is a healthcare data scientist, boasting more than a decade of experience in teaching, research, and management. Presently holding the position of Principal Data Science Lead within the School of Public Health at Monash University, he specialises in policy development to automate data processes, AI-based optimisation of care delivery, and the creation of automated interactive reporting systems.

Reza earned his PhD in Healthcare Systems Engineering from the National University of Singapore and serves as an adjunct Senior Research Fellow at the Health Services & Systems Research (HSSR) Programme at Duke-NUS Medical School, Singapore. Throughout his career, he has held academic roles at several institutions such as Isfahan University of Technology and Isfahan University of Medical Science, focusing on Systems Engineering and Health Information Technology.

Notably, from 2020 to 2022, Reza led the Virtual Singapore Emergency Response project. This ground-breaking initiative involved developing a 3D digital replica of Singapore, integrating topographical and real-time dynamic data. The project served as a platform for simulating and virtually testing innovative solutions to urban planning challenges, with a substantial investment of $73 million. Additionally, Reza served as a crucial contributor, leading the development team of the CoViD-SOS (COVID-19 Virtual Disease Health System Outbreak Model for Singapore). This ground-breaking project garnered recognition, winning the esteemed Singapore Health Quality Service Award in 2021.

Presently, Reza leads a talented data analyst team at Monash, with a primary focus on automated and interactive clinical quality reporting. Collaborating with various clinical registries, including ACFDR, BCCA, RSR, ASR, ABDR, and DCQR, the team aims to devise innovative solutions that enhance the efficiency and productivity of clinical registries.