(Senior) Data Anonymization Expert - Roche Information Solutions Data Services

Penzberg, Basel

Who We Are
At Roche, we are passionate about transforming patients' lives, and we are bold in both decision and action - we believe that good business means a better world. That is why we come to work every single day. We commit ourselves to scientific rigor, unassailable ethics, and access to medical innovations for all. We do this today to build a better tomorrow.

Roche is strongly committed to a diverse and inclusive workplace. We strive to build teams that represent a range of backgrounds, perspectives, and skills. Embracing diversity enables us to create a great place to work and to innovate for patients.

The Opportunity
We are looking for a (Senior) Data Anonymization Expert to join our Roche Information Solutions organization. You will be a member of the Data Science Technologies leadership team and will have a crucial role to play in building a highly efficient environment to drive and implement data anonymization strategies & technologies. With that, the role will contribute fundamentally to enhance data sharing between parties in a compliant manner.

Job Facts
Your main responsibilities will include:

◆ Consult on and drive data anonymization strategies
◆ Provide expert level input on different anonymization methods, risk thresholds and assumption on running re-identification risk assessments
◆ Collaborate with various teams to implement best-in-class data anonymization solutions for compliant data sharing and for our RIS product portfolio
◆ Understand the data anonymization landscape and being able to assess new and promising solutions/methods and evaluate their potential incorporation into Roche Information Solutions processes and products
◆ Collaborate to continuously improve our privacy enhancing technology tools, portfolio and services (Consent, encryption, synthetic data, anonymization, remote audit and enforcement)
◆ Innovate and bring forward best in class solutions in your area of responsibility and beyond
◆ Engage with internal key customers to educate on data anonymization
◆ Find creative solutions to push the boundaries of data sharing while at the same time being meticulous on data privacy compliance
◆ Research and implement new data anonymization concepts (potentially with top-tier academic institutions in the field)
◆ Interface with internal and external data privacy experts, pre-competitive initiatives to drive and assess our data anonymization strategies

Who You Are
You're passionate about data anonymization and are able to add value in changing, agile, multinational and multilocation environment. You're keen to work with others in a co-creative & collaborative manner, communicating effectively & helping teams find common ground.

Moreover you bring:

◆ PhD in Data Science related fields (Statistics, Computer Science, Mathematics, Bioinformatics or similar areas of academic field), ideally in the space of data anonymization, re-identification risk assessment
◆ Ideally significant work experience in the field, preferably in the pharmaceutical / medical device environment (experience in diagnostics is a plus) and/or life science/privacy consulting
◆ Demonstrated understanding and know-how in the area of expertise (such as re-identification risk assessments, data anonymization, adversary capability models, risk thresholds, encryption, privacy preserving models, privacy by design principles)
◆ Ability to appreciate different perspectives based on different level of understandings, unifying these into key requirements on project level and on organizational level
◆ Strong organizational development skills
◆ Proficiency in English
◆ Nice-to-have: Good understanding of how HIPAA and GDPR translates into distinct privacy protecting requirements
◆ Nice-to-have: Experience with Creating and Delivering Privacy Services (i.e. Regulatory readiness, Program definition, implementation and automation, Data Protection strategy and implementation, Data Use Governance and Ethics, Privacy by Design for new technologies, Privacy Audits, etc.)

Mindset
We@RocheDiagnostics is the mindset and culture we as Diagnostics colleagues strive to adopt to help achieve our vision and realize our strategy. The dimensions are:

◆ We are passionate about our customers and patients
◆ We radically simplify
◆ We trust, collaborate & have fun
◆ We ALL lead
◆ We experiment & learn