Company Name: **Eli Lilly Japan**
Location: **Kobe, Hyogo OR Tokyo, Japan**
Job Title: Data Scientist – OUS Commercial Analytics, Reports to Global

Company Description:
At Lilly, we unite caring with discovery to make life better for people around the world. We are a global healthcare leader headquartered in Indianapolis, Indiana. Our 35,000 employees around the world work to discover and bring life-changing medicines to those who need them, improve the understanding and management of disease, and give back to our communities through philanthropy and volunteerism. We give our best effort to our work, and we put people first. We're looking for people who are determined to make life better for people around the world.

Overall Job Purpose
· The purpose of the Data Scientist role is to conduct analytics utilizing statistical and advanced analytics methodologies including AI/ML algorithms to answer business/scientific questions. The Data Scientist is also expected to provide consultation to business teams on appropriate design of experiments and methodologies to enable proper campaign setup and measurement, in addition to synthesizing and supporting the interpretation of analysis results to drive business impact.

Responsibilities
- Partner with OUS (Outside of US) commercial business teams with a focus on Japan to identify, scope, and execute analytics efforts that answer business/scientific questions, solve business/scientific needs, and add value
- Maintain a broad understanding of the pharmaceutical business and be fully engaged with business teams, bringing an objective voice to the table, and facilitating decisions grounded in data
- Collaborate with other analytics team members to review and provide feedback on the analytics being done, and be willing to seek feedback from other team members about your own work
- Stay current with respect to statistical/mathematical/informatics modeling methodology, to maintain proficiency in applying new and varied methods, and to be competent in justifying methods selected
- Collaborate with others to design, develop and deploy enterprise-level analytics capabilities/solutions
- Perform cutting edge research in an area of data science such as forecasting, machine learning, optimization, or natural language processing
- Serve as a bridge between Global Advanced Analytics & Data Sciences Team and Japan Commercial Analytics Team to enable shared learnings around capability building, new methodologies, and analytics results

Basic Qualifications
- M.S. or higher in Statistics, Econometrics, Operations Research, Computer Science, Engineering, Mathematics or closely related field
- Deep and broad knowledge of statistical modeling and data mining methods and/or optimization methods
- Proficiency with relevant programming languages (such as R, Python, SQL, SAS, Java, C++, etc...)
- Agility and flexibility to work with very diverse problems and business partners
- Ability to work with diverse data sources and data types
- Self-management skills with a focus on results for timely and accurate completion of competing deliverables
- Business level proficiency in English is a must
- Business level proficiency in Japanese is preferable

Additional Skills/Preferences
- Strong leadership and communication skills
- Publications in leading journals or conferences
- Advanced knowledge of machine learning methods in processing unstructured data
- Experience in deep learning frameworks