Healthcare Xplorers - New Challenges

Switzerland, Basel

After a successful start into the Healthcare Xplorers Programme, we are back at it again with 3 exciting new data challenges in the area of PHC.

Healthcare Xplorers is a new way and platform to foster academic collaborations in the space of data. The focus is on real challenges from Roche business areas where data plays a crucial role, and where new perspectives from academia complement our industry perspective. Fresh thinking is key to develop new solutions – and this is where you as a student or PhD come in. Do you love data? Are you an out-of-the-box thinker? Then join us to make a change!

Check out our new challenges and send us your creative pitch:

**Challenge 1:** Augmented patient pathways in oncology

**Challenge 2:** Develop machine learning-based methods for early anomaly detection in diagnostics instrument and assay data

**Challenge 3:** Generating synthetic patient-reported outcomes to foster collaboration in clinical settings

**Needed Skills**

- programming skills (R and/or python, Pytorch and 0)
- Interest in patient’s quality of life
- Interest in data privacy and sharing
- Technical background
- good analytical/mathematical thinking

**Form of Cooperation**

- Preferred option: 6 months full-time internship
- Open for other possible formats

[Apply now!](#)