**BACKGROUND**

As OHDSI and EHDEN are at the front line of developing new methodologies, analytical tools and use cases for observational research, there is a strong need to train and educate colleagues. Ensuring standardised education for epidemiologists, data scientists, informaticians, and others involved in research utilising observational data is also key to facilitating research quality in OHDSI.

The European Health Data & Evidence Network (EHDEN) project, an Innovative Medicines Initiative, commenced a training programme for SMEs who had been selected via open call to work with the project on mapping Data Partner data to the OMOP CDM. An ETL certification programme was created, which was the progenitor for the development of an online training platform, the Academy.

The EHDEN Academy was launched on 23rd April 2020 to the world as a free, online training platform based on the open source Moodle course management system. We are expanding the learning pathways, inclusive of specific modules on methods, tools, and skills within the OHDSI framework, and broadening content and reach from experts to the lay public/patient organisations. The initial 47 SME participants had the core audience initially, with an additional 20 being added in 2022, but this is expanding to the multi-disciplinary research community worldwide.

Key to success will be the engagement of the OHDSI community, not just for participation, but also in generating new content for a wider audience. Linkage with the OHDSI Education Working Group strategic educational development within the global community as a training resource is being refined.

**WHAT IS NEXT**

Educational metrics are being developed to provide more granular insights into the efficacy alongside other OHDSI training and education resources on YouTube, Github and PubMed, as well as to optimise our training development on the Academy.

EHDEN also co-promotes the Academy with the Academies of Health Data Research UK (UK), the GetReal Institute and the Institute for Innovation through Health Data (i2iHD), with discussions ongoing on common international curricula.

**CONCLUSION**

The EHDEN Academy is a unique training resource for the OHDSI community globally and will see expanded content to support those engaged with the OHDSI research framework, standardised analytical tools, and methods.

It has seen appreciable uptake to date, and there is an opportunity for the OHDSI community to participate, but also create new content, further establishing the Academy as a global resource for upskilling anyone working with observational research.

We have a demonstrable example of providing training support at scale to industrialise key activities within OHDSI, from mapping to the OMOP CDM, to conducting research using relevant tools, skills and methods.

93% of Academy enrollees surveyed rated their experience as good to excellent!

Reference