

JUNE – DECEMBER 2021

Biopharma Data Champions Kickstarter – guiding you on your journey to data project success

Siemens.ie/DataChampionsKickstarter

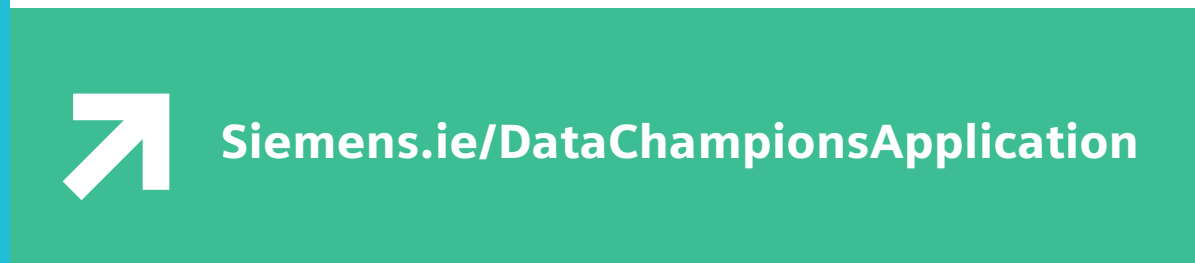
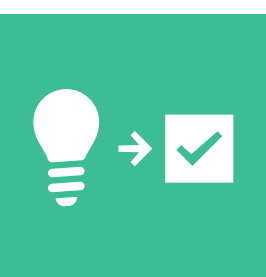
In association with



By 2022
90%

of corporate strategies will refer to data analytics

Data is becoming a core capability in addressing the challenges of increased cost pressures and regulatory requirements, new therapies and improving yields. Developing data literacy and skills will be vital to ensuring that biopharmaceutical organisations can transform large, complex, disconnected data sets into tangible business assets. **The Biopharma Data Champions Kickstarter** programme is intended to drive digital adoption in the biopharmaceutical industry. Over the programme, participants will develop skills and capabilities to address common industry challenges with data.



Overview

How does Kickstarter work?

This is a practical programme, aimed at helping you to deliver on the potential of data analytics to improve operations in your organisation. In a rapid 'kickstarter' six-month cycle, you will be guided in selecting a real use case project from within your own business and making progress in addressing it through data analytics. You will gain the knowledge and practical skills required to identify opportunities, manage stakeholder groups, and deliver real value to your organisation.

Who is it for?

The modern pharmaceutical industry needs cross-functional teams, rich in expertise across science, engineering and data. The kickstarter programme is designed for professionals from various pharmaceutical functions wishing to develop capabilities in delivering successful data projects, including:

- **R&D / Process Scientists and Engineers**
- **Automation and Information Technology**
- **Manufacturing Science & Technology (MSAT)**
- **Continuous Improvement / Lean**
- **Quality Management / Quality Control**
- **Data champions from any discipline**

Programme Structure and Content

The kickstarter programme will be delivered over six months, between June and December 2021. It will consist of both group theory sessions and individual coaching sessions delivered online and in person.

Group sessions will address use case selection, applications across the biopharmaceutical value chain, stakeholder management, data and technology. Delivered by experts from Siemens and NIBRT and external industry experts, these half-day sessions will be held every three weeks, commencing June 2021.

In parallel, you will have access to eight individual coaching days to guide you through your own project, data sets and delivery choices, to solve problems in your organisation using complex data.

Topics:

- **Selecting a use case**
- **Developing the business case**
- **Managing key biopharma considerations**
- **Acquiring and preparing data**
- **Data project methodologies and technologies**
- **Data analytics technologies (commercial and open source)**
- **Selecting analysis and modelling techniques**
- **Deploying results: visualisation, reporting and dashboarding**
- **Communicating benefits**
- **Building a data strategy**

Costs

€15,000 per participant*

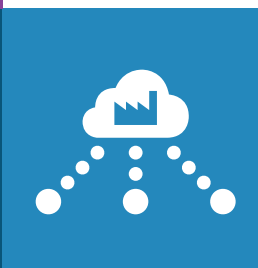
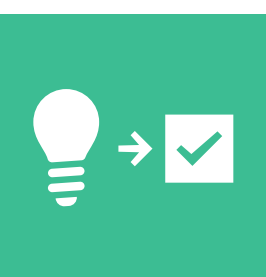
- 8 x half-day group sessions
- 8 x full-day 1:1 coaching sessions
- Peer networking events
- Guest speaker sessions

*Note: Grant support may be available for IDA Ireland clients. Please contact your Project Executive in IDA Ireland for more information.

Dates

- June: 30
- July: 21
- September: 01, 22
- October: 13
- November: 03, 24
- December: 15

Please note, dates are provisional and may change



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Participant Benefits

- Understand how data can support improved biopharmaceutical operations
- Identify opportunities in the organisation
- Develop new skills and capabilities in data analytics projects
- Benefit from confidential 1:1 coaching to address your selected use case
- Become a digital leader in your organisation
- Develop a network of industry peers
- Six-month applied programme for rapid learning and results

Company Benefits

- Empower teams to address biopharmaceutical operations challenges with data
- Typical use cases include process understanding, yield improvement, compliance
- Combine theory, practice and coaching to improve project outcomes
- Develop and embed skills and mindset
- Rapid six-month programme for fast benefits

Programme Partners



Biopharma Data Champions Kickstarter is a Siemens and NIBRT programme in association with IDA Ireland

SIEMENS

Siemens Digital Industries is an innovation and technology leader in industrial automation and digitalisation. In close cooperation with our partners and customers, we are the driving force for the digital transformation in the discrete and process industries.

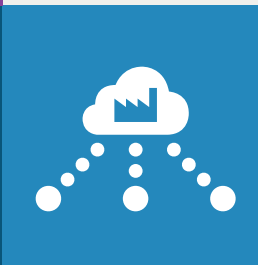
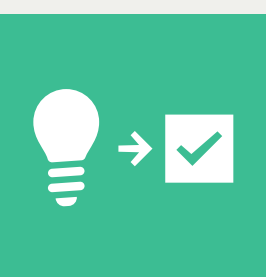
Together as **BioMAC**, SIEMENS and NIBRT are empowering the biopharmaceutical organisations to extract value from bioprocess big data, reduce risk and gain competitive advantage. Our award-winning team of Subject Matter Experts is passionate about making advanced data analytics accessible to bioprocessing professionals. We work closely with our partners, positioning biopharmaceutical teams to use data to transform their organisation, addressing the bioprocessing challenges of today and tomorrow.



The National Institute for Bioprocessing Research and Training (NIBRT) is a global centre of excellence for training and research in bioprocessing. NIBRT is located in a new, world class facility in Dublin, Ireland. This facility is purpose built to closely replicate a modern bioprocessing plant with state of the art equipment.

NIBRT arose from a innovative collaboration between University College Dublin, Trinity College Dublin, Dublin City University and the Institute of Technology, Sligo. NIBRT was primarily funded by the Government of Ireland through Ireland's inward investment promotion agency, IDA Ireland (Industrial Development Agency), which is responsible for the attraction and development of foreign investment in Ireland.

NIBRT offers a quality training and research experience not previously possible anywhere in the world.



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Next Steps

To register your interest in this programme please contact
Siobhan Fleming at Siemens on 086 7904458
or email siobhan.fleming@siemens.com