Insight SFI Research Centre for Data Analytics

Insight is one of the largest data analytics centres in Europe. It undertakes high-impact research, seeks to derive value from Big Data and provides innovative technology solutions for industry and society by enabling better decision-making.

Insight is driven by €150m in funding, supporting 450 researchers across areas such as Sensing and Actuation, Scaling, Model Building, Multi Modal Analysis, Network Data and Decision Making.

Interdisciplinary Research
Interdisciplinary research is at the heart of Insight as demonstrated through a growing number of thematic focus areas, including:

- Cultural Analytics
- Data Driven Collaboration in Large Organisations
- Medical Imaging
- Next Generation Sensor Technology
- Recreational Running
- Well-being and Personal Development in our Digital World

Education and Public Engagement:
Education & Public Engagement is a strategic priority for Insight, and our vision is to build an empowered, scientifically engaged, inclusive and creative society, underpinned by a commitment to involve citizens in data science and embed a culture of engagement within the centre.

Core objectives include addressing the national inequalities in science participation and enabling open dialogic citizen partnerships with Insight. Our work includes collaboration with community groups on the development of research projects, engaging students and youth groups of all ages in the university setting to undertake stimulating STEM activities, visiting schools nationwide and using a range of learning environments including virtual reality.

We have been involved in the development of the IT curriculum in Irish schools, advocating for the inclusion of computer coding as a key skill for students to develop. We have also captured the imagination of Irish citizens in nationwide “citizen science” projects that involve mapping the built environment to improve access for citizens with impaired mobility.

Research Areas
- Foundations of Data Science
- Sensing and Actuation
- Scalability
- Multimodal Data Analysis
- Data Engineering and Governance
- Decision Making
- Trustworthy AI

Application Domains
Insight applies its research across four application domains;

- Augmented Human
- IoT and Smart Communities
- Smart Enterprise
- Sustainability and Operations

Industry and Commercialisation
Insight offers data analytics solutions to a broad range of industry and other partners in the areas of Health and Human Performance, Enterprises and Services, Smart Communities and Internet of Things, Sustainability and Operations.

Insight’s expertise includes the whole data value chain, from the integration of multiple heterogeneous data sources to discovering patterns and trends in data and making explainable sense of them.
Industry partners include:

- Avaya
- Analog Devices
- AIB
- ARUP
- Aviva
- Aspire Academy
- Boston Scientific
- Curtiss-Wright
- Fidelity Investments
- Flashpoint
- GAA
- Guiyang
- Huawei
- IRFU
- InsulCheck
- Irish Times
- NitroSell
- Rubicoin
- Shimmer
- Stryker
- Transpoco
- Xperi

Facilities

- Software lab space
- Environmental lab space

Key Contacts

Prof Noel O’Connor  
*Chief Executive Officer*  
noel.oconnor@insight-centre.org

Michael Turley  
*Chief Operating Officer*  
michael.turley@insight-centre.org

Pat Dempsey  
*Business Development Manager*  
pat.dempsey@insight-centre.org

Prof Noel O’Connor  
*Dublin City University*  
noel.oconnor@insight-centre.org

Prof Brian Caulfield  
*University College Dublin*  
brian.caulfield@insight-centre.org

Prof Barry O’Sullivan  
*University College Cork*  
barry.osullivan@insight-centre.org

Prof Mathieu D’Aquin  
*NUI Galway*  
mathieu.daquin@insight-centre.org

Insight SFI Research Centre for Data Analytics

O’Brien Centre for Science  
Science Centre East  
UCD, Belfield  
Dublin 4, Ireland

NUI Galway  
IDA Business Park  
Lower Dangan  
Galway, Ireland

Western Gateway Building  
University College Cork  
Western Road  
Cork, Ireland

Dublin City University  
Glasnevin  
Dublin 9  
Ireland

+353 1 716 2313  
www.insight-centre.org  
Email: info@insight-centre.org

@insight_centre  
in  
Insight  
Insight Centre for Data Analytics  
TheINSIGHTCentre