Big Data for Labour Market Intelligence
Online capacity development programme 2024
Webinars 14 and 16 February 2024

A Multidisciplinary team of data scientists, labour market experts, and statisticians

Speakers

Eduarda Castel-Branco, is a Senior Specialist in Human Capital Development at the European Training Foundation. Her expert work encompasses projects and analyses in the areas of skills intelligence and labour market information, qualifications systems and frameworks, international transparency of qualifications and credentials, and recognition of learning. She coordinates the ETF project "Big Data for LMIS", and the large programme "Supporting implementation of the African Continental Qualifications Framework" (ACQF).

Elena Magrini is Head of Global Research at Lightcast, where she currently leads the Global Business Unit's Consulting team. Her recent research focuses on labour market analysis and the future of work, in particular in relation to digital transformation, economic growth and skills insights. Prior to joining Lightcast, Elena worked at the UK think-tank Centre for Cities where she led on research on employment and skills in UK cities. Elena also has experience in local government, having worked as a Senior Policy Manager for the West of England Combined Authority. Elena holds a BSc. in International Economics from Bocconi University and an MSc. in International Public Policy from University College London.

Mauro Pelucchi is Senior Data Scientist and Big Data Engineer responsible for the design of the "Real-Time Labour Market Information System on Skill Requirements" for CEDEFOP (European Centre for the Development of Vocational Training).

He currently works as Head of Global Data Science at Lightcast with the goal to develop innovative models, methods, and deployments of labour market data and other data to meet customer requirements and prototype new potential solutions. His main tasks are related to advanced machine learning modelling, labour market analyses, and the design of big data pipelines to process large datasets of online job vacancies. In collaboration with the University of Milano-Bicocca, he took part in many research projects related to the labour market intelligence systems. He collaborates with the University of Milano-Bicocca as a Lecturer for the Masters of Business Intelligence and Big Data Analytics and with the University of Bergamo as a Lecturer in Computer Engineering.

Duncan Brown is Vice President of Global Innovation at Lightcast, where he manages the development of data analytics for customers outside of the Americas. His background is in labour market analysis, having worked in public policy and consulting roles in the UK before joining Lightcast in 2016, with research into questions on growth and productivity, and technology change. Duncan holds a BSc in Economics from Loughborough University and an MSc in Economics from the University of Leicester.

Fabio Mercorio is Associate Professor of Computer Science at University of Milan-Bicocca, dept. of Statistics and Quantitative Methods. He holds a PhD in Computer Science and Application in 2012 at the University of L'Aquila, Italy. Since 2020 he is Deputy Director of the CRISP research centre. In 2019 he received the first prize at the YoungTalentAward 2019 in collaboration with Accademia Nazionale Lincei in the Computer Science, Engineering & Mathematics area. His research interests mainly include Artificial Intelligence (AI Planning, eXplainable AI, interpretable models, local and global interpretation, explanation through symbolic approaches) and Data Science (vector-space models, word-embeddings, ontology learning, Graph-database algorithms). He has been involved in many

national and International research projects on putting AI and Big Data into practice for supporting decision making, especially in the labour market field. He serves as PC in top-tier conferences in AI (AAAI,IJCAI,ECAI). He co-authored more than 70 papers.

Emilio Colombo. Professor of economics, Università Cattolica del Sacro Cuore BA in Economics, Universita' Cattolica del Sacro Cuore, Msc in Economics with distinction University of Southampton, PhD in Economics, University of Southampton. From 2000 to 2016 he was first Assistant Professor and subsequently Associate Professor of Economics at the University of Milano-Bicocca. He is the author of several articles in leading international journals, he has taught and delivered more than 50 seminars in international universities. His research interests are in the field of international economics, macroeconomics, applied economics and labour economics.