



SEMINAR

BIG DATA AND MACHINE LEARNING TECHNOLOGIES IN A CENTRAL BANK ENVIRONMENT

Central Bank of Malta
Binja Laparelli, St James's Counterguard, Valletta

11 June 2019

	Topic ¹	Speaker	Organisation
9:00 – 9:15	Registration and coffee		Central Bank of Malta (CBM)
9:15 – 9:25	Welcome	Oliver Bonello Deputy Governor	CBM
9:25 – 9:45	Organisational structure to handle big data and machine learning in a central bank environment. Banca d'Italia experience: Business and IT perspectives.	Luigi Cannari Giuseppe Zingrillo	Banca d'Italia (BDI)
9:45 – 10:30	Possible areas of application of big data and machine learning technologies at the Central Bank of Malta. Web scraping exercises at the Central Bank of Malta's Economic Analysis Department. Other areas of possible application of big data and machine learning technologies at the Central Bank of Malta.	Leah Vella Reuben Ellul Carlo Camilleri	CBM
10:30 – 11:00	Big data and machine learning: Banca d'Italia experience.	Giuseppe Bruno Juri Marcucci	BDI
11:00 – 11:15	Coffee break		
11:15 – 11:45	Machine learning applications to the Italian balance of payments (two papers).	Alessandro Moro Andrea Carboni	BDI
11:45 – 12:00	Machine learning algorithms for data quality management.	Fabio Zambuto Pasquale Maddaloni	BDI
12:00 – 12:20	Experiences on machine learning algorithms for automatic classification.	Marco Benedetti Oliver Giudice	BDI
12:20 – 12:30	Wrap up	Alan Cassar	CBM

¹ Q&A after each session. Moderator Jesmond Pule' (CBM).