



## 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 <sup>1</sup>	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	<a href="#">Possible areas of application of big data and machine learning technologies at the Central Bank of Malta.</a>  <a href="#">Web scraping exercises at the Central Bank of Malta's Economic Analysis Department.</a>  <a href="#">Other areas of possible application of big data and machine learning technologies at the Central Bank of Malta.</a>	Leah Vella  Reuben Ellul  Carlo Camilleri	CBM
10:30 – 11:00	<a href="#">Big data and machine learning: Banca d'Italia experience.</a>	Giuseppe Bruno Juri Marcucci	BDI
11:00 – 11:15	Coffee break		
11:15 – 11:45	<a href="#">Machine learning applications to the Italian balance of payments (two papers).</a>	Alessandro Moro Andrea Carboni	BDI
11:45 – 12:00	<a href="#">Machine learning algorithms for data quality management.</a>	Fabio Zambuto	BDI
12:00 – 12:20	<a href="#">Experiences on machine learning algorithms for automatic classification.</a>	Marco Benedetti Oliver Giudice	BDI
12:20 – 12:30	Wrap up	Alan Cassar	CBM

<sup>1</sup> Q&A after each session. Moderator Jesmond Pule' (CBM).