



**BIG DATA ANALYTICS
KNOWLEDGE EXCHANGE PLATFORM M1
Fin – Tech HO2020 project**

**SUPTECH WORKSHOP I
April 17-18, 2019**

**Venue: Hellenic Capital Market
Commission
1 Kolokotroni & Stadiou Str., 105 62
Athens, Greece**

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|----------------------|---|
| 09.00 – 9.30 | Opening and Introduction to Project
Veni Arakelian, Paolo Giudici |
| 9.30 – 11.00 | Use cases in peer to peer lending credit risk management
Paolo Giudici |
| 11.00 – 11.30 | Break |
| 11.30 – 13.00 | Big Data Analytics I
Transactional and Correlation networks
Complex systems, graph representation, measures.
Networks and financial systems, Basel III and
interconnectedness Veni Arakelian |
| 13.00 – 14.00 | Break |
| 14.00 – 15.30 | Big Data Analytics II
Big data analytics. Application to ESMA's Trade
Repository Data Reporting tool (TRs). Main risk
concerns Veni Arakelian |

09.30 – 11.00	Machine Learning I Supervised Learning (Logistic regression, Tree models and random forests). Case study Veni Arakelian
11.00 – 11.30	Break
11.30 – 13.00	Machine Learning II Unsupervised Learning (Clustering, Principal Component Analysis (PCA)) generalized linear models. Case study Veni Arakelian
13.00 – 14.00	Break
14.00 – 15.00	Generalized Linear Models Case study Veni Arakelian
15.00-15.30	Open Discussion. Future Steps

Pre-registration required:

<https://www.fintech-ho2020.eu/free/app/registration-suptech-athens>

Please complete the evaluation form at the end of the workshop:

<https://www.fintech-ho2020.eu/free/app/evaluation-suptech-athens>

Notes: the program is subject to changes.



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**SUPTECH WORKSHOP II
November 29, 2020**

**Venue: 80, M. Karaoli & A. Dimitriou St.,
18534 Piraeus, Greece**

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| 16.00 – 16.15 | Opening and introduction to the project,
by Veni Arakelian |
| 16.15 – 18.00 | Big data analytics. Textual analysis,
by Veni Arakelian |
| 18.00 – 18.15 | Break |
| 18.15 – 19.00 | Greek systemic banks: A web-attention analysis,
by Nikos Delis |
| 19.00 – 20.00 | Machine learning,
by Veni Arakelian |
| 20.00 – 20.30 | Means of payments: the introduction of
cryptocurrencies, by Spyros Kouvelos |
| 20.30 – 21.00 | Open Discussion |

Pre-registration required:

Please complete the evaluation form at the end of the workshop:

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