

DATA ANALYTICS 2016

Forward

The Fifth International Conference on Data Analytics (DATA ANALYTICS 2016), held between October 9 and 13, 2016 in Venice, Italy, continued a series of events related to data analytics, special mechanisms and features of applying principles of data analytics, application-oriented analytics, and target-area analytics.

Processing of terabytes to petabytes of data, or incorporating non-structural data and multi-structured data sources and types require advanced analytics and data science mechanisms for both raw and partially-processed information. Despite considerable advancements on high performance, large storage, and high computation power, there are challenges in identifying, clustering, classifying, and interpreting of a large spectrum of information.

The event was very competitive in its selection process and very well perceived by the international scientific and industrial communities. As such, it has attracted excellent contributions and active participation from all over the world. We were very pleased to receive a large amount of top quality contributions.

The conference had the following tracks:

- Fundamentals
- Target Analytics
- Sentiment/Opinion Analysis
- Application-oriented Analysis
- Transport and Traffic Analytics in Smart Cities
- Big Data

We take here the opportunity to warmly thank all the members of the DATA ANALYTICS 2016 technical program committee, as well as the numerous reviewers. The creation of such a high quality conference program would not have been possible without their involvement. We also kindly thank all the authors that dedicated much of their time and effort to contribute to DATA ANALYTICS 2016. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

Also, this event could not have been a reality without the support of many individuals, organizations and sponsors. We also gratefully thank the members of the DATA ANALYTICS 2016 organizing committee for their help in handling the logistics and for their work that made this professional meeting a success.

We hope DATA ANALYTICS 2016 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in the area of data analytics.

We also hope that Venice, Italy, provided a pleasant environment during the conference and everyone saved some time to enjoy the unique charm of the city.

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