

DATA SCIENCE
AND THE BRIDGE TO INDUSTRY
March 15, 2018

DATA SCIENCE PORTUGUESE ASSOCIATION
FERNANDO MATOS — PRESIDENT OF THE BOARD OF DIRECTORS

1. who we are

DSPA - Data Science Portuguese Association is a recently (jan 18) founded non-profitable organization with the purpose of developing, capacitate and promote the portuguese Data Science ecosystem.

1. who we are

Mission

To empower Data Science for a better world

ethical principals

1. make **use of resources and knowledge** in persuing the **improvement of Humanity** through Data Science, respecting the dimensions:
 - **Empathy** – treat others as one wishes to be treated
 - **Honour and Pride** – always aim at the optimal approach
 - **Frugality** – sustainable allocation of resources, when and where they really make a positive impact
2. respect the **dignity of the human being** as stated in the Universal Chart of Human Rights
3. be guided by **freedom of speech and expression**, always performing **without any sort of discrimination** based on race, gender, inability, disability, sexual orientation, political or ideological convictions, religion, literacy, marital status, geography or others
4. comply with EU **data protection legislation**
5. **share, collaborate, promote and develop DS** in the market, academy, schools, government, local authorities and city councils, business associations and other communités who may benefit from it
6. **investigate, analyze, validate, explain and share**, free of charge, information, models and data targeted to a better understanding of Humanity and to the improvement of the quality of life of people and societies
7. **always strive for the progress of Knowledge**, anchored by an eclectic and complementary vision of the different Ciências

1. who we are

DSPA aims to

- promote DS in Portugal and internationally
- share experiences, innovation, business cases and success cases
- represent the DS sector next to regulatory entities
- promote ethics and security
- promote entrepreneurship and innovation of Portugal based companies
- promote and support public interest DS projects
- cooperate with public entities, corporations and academic institutions
- certify and train data scientists.

1. who we are

MACHINE LEARNING **ADVANCED ANALYTICS**

MATH

BIG DATA

DATA VISUALIZATION

STATISTICS

ETHICS

INTERFACES | UX

NEUROSCIENCE

DATA GOVERNANCE

BUSINESS INTELLIGENCE

QUANTUM COMPUTING

PHYSICS

AI

LEADERSHIP AND DECISION MAKING

BLOCKCHAIN

DATA MINING

DEEP LEARNING

AUGMENTED REALITY

TECHNOLOGY

SINGULARITY

1. who we are

BOARD OF DIRECTORS



Fernando Matos
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Co-Founder at Closer



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Diretor Geral at SIBS Processos



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Vice-president
Partner at TSG, 2B-On and akapeople



André Rufino
Vogal
Senior Manager at AGEAS

2. competences

regulation and
ethics

entrepreneurship,
communities and
innovation

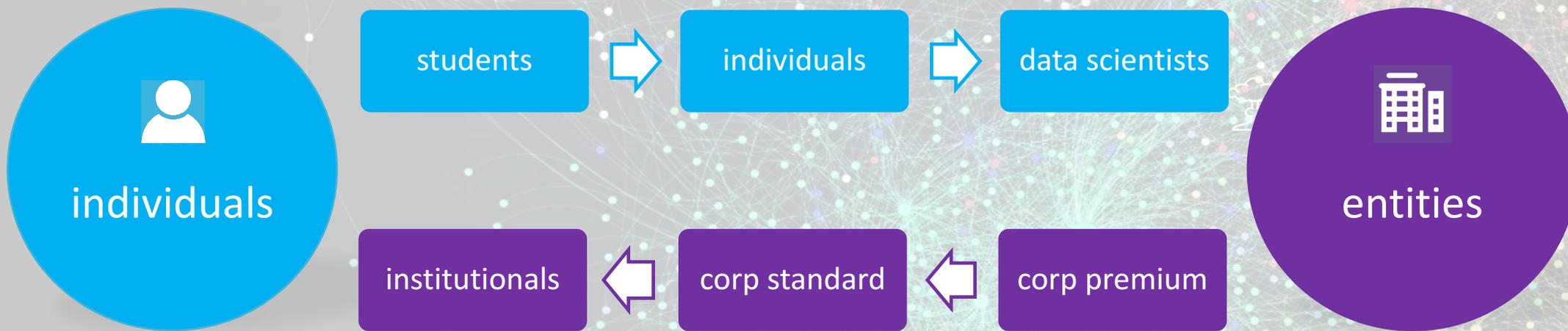
education,
training and
certification

internacional
promotion

Institutional
relationships

research

3. members



4. initiatives 2018

regulation and ethics

- **DSPA code of ethics** to support individuals and entities in their auto-regulation with regards to DS practics
- **ethics in the classroom**
cooperate with the MinEdu to inject *ethichs* within a citizenship class in basic levels of education (*bullying*)

education and certification

- **Academy** - map national educational & training offer in coop with Prof Ed & Univ
- **online platform** - market offers and students cv's
- **DS national contest**
powered by MinEdu
- **ANQEP-Prof Qualif** - collab in program contents design
- **establish support office** - to facilitate students develop papers and theses in business environments

research

- **DS Observatory** - metrics & trends in coop with IDC

entrep/commun/innov

- support and promote communities & meetups

1st DSPA international conference

INSIGHTS 2018

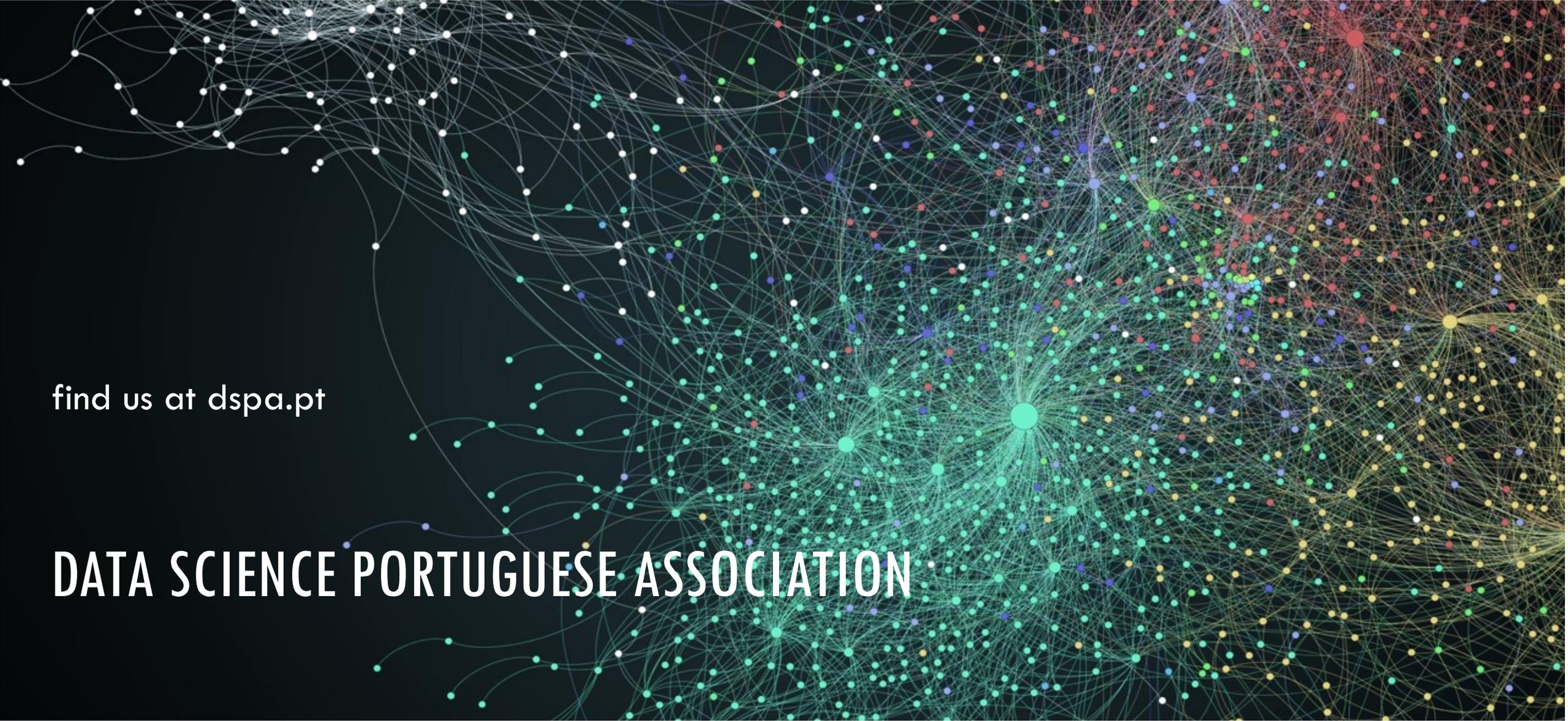
DATA SCIENCE
For a better World

LISBON
International Conference
6 - 7 September 2018



DSPA
Data Science
Portuguese Association





find us at dspa.pt

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