



PROPOR 2020 Panel Discussion Proposal

**Bridging the resource gap  
between industry and  
academia**

## **Bridging the resource gap between industry and academia**

Over the last decade, we saw NLP and Computer Vision take the forefront of the AI revolution with a slew of successful applications. For us in the AI community, this was felt as a shift from academia to industry. It is no secret that data is the new petroleum of this revolution and it is clear that research excellence can be found in both the private and the public sector. Big data may be the buzz term of choice, but good data beats great algorithms.

While academia is rich in knowledge, industry is rich in resources. Granted, gray areas still exist, and these two communities are not entirely separate, but the battle for data equality is just starting. Out of 2019's Fortune 500 companies, 41 are listed as tech companies and many others use AI extensively as part of their success. When it comes to the world's universities, we see a different picture. Alternative learning models have complicated competitiveness for the traditional model, public funding in the US has fallen 25% and in other countries, the situation is worse. Operational costs continue to grow as well as student tuition fees, decreasing the value of a college education in many cases.

In this panel, we will discuss some of the issues faced by both universities and companies to gain the data needed to make progress in NLP, especially in the case of an under-resourced language like Portuguese. We will also discuss the needs of both camps and how one can benefit the other. Each group represented in this panel will have a different story to tell about where they fit in and how they play a part in the greater data science community. Also, we will expose how the topic of "data" is treated in the case of Portuguese NLP in both academic and industrial tracks, as well as how future professionals can best contribute to the field.



## List of speakers

Christopher Shulby	DefinedCrowd	Moderator
Alberto Abad	Instituto Superior Técnico	Academia
Hugo Gonçalo Oliveira	Universidade de Coimbra	Academia
Renata Vieira	Universidade de Évora/ PUCRS	Academia
João Graça	Unbabel	Industry
Gustavo Mendonça	Google	Industry
Nathan Siegle Hartmann	Itaú Unibanco	Industry
Sara Candeias	BearingPoint	Industry

