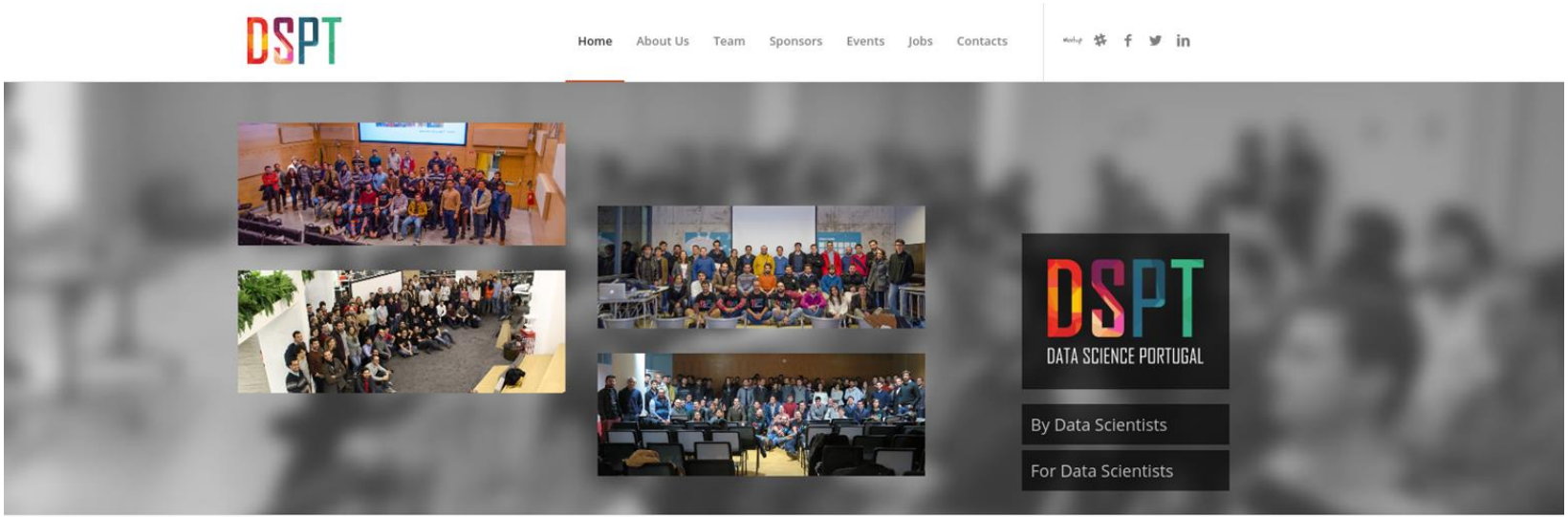
Data Science Portugal

Meetup #41

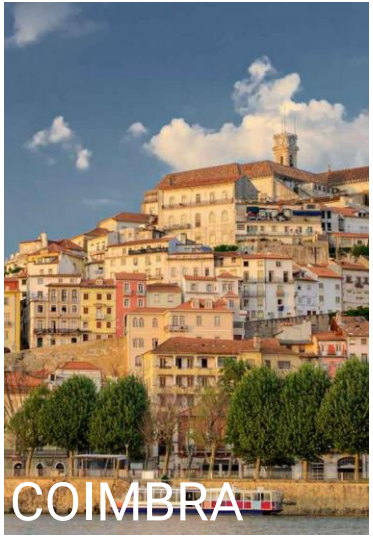
Data Science with a Visual Beat

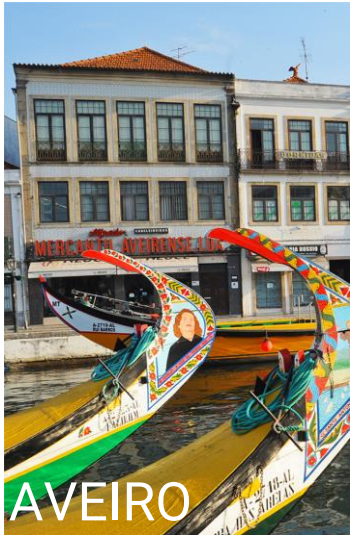
October 23th, 2018 - Porto

https://www.datascienceportugal.com

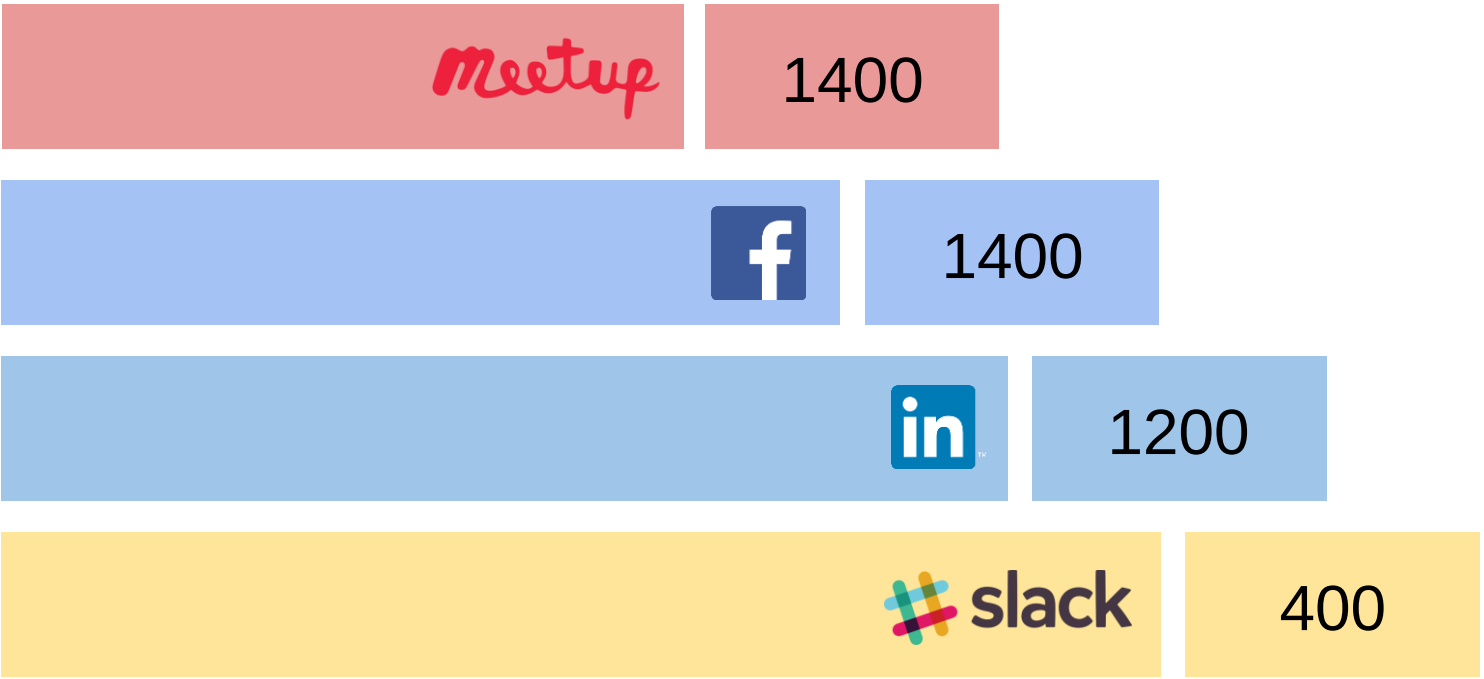


Where are we?

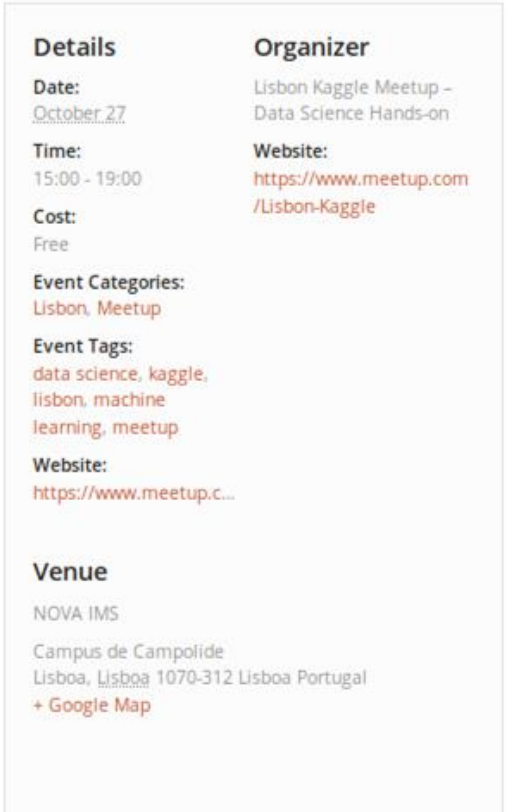




Our channels



DSPT Events



Details

Date:
October 27

Time:
15:00 - 19:00

Cost:
Free

Event Categories:
Lisbon, Meetup

Event Tags:
data science, kaggle, lisbon, machine learning, meetup

Website:
https://www.meetup.c...

Organizer

Lisbon Kaggle Meetup – Data Science Hands-on

Website:
https://www.meetup.com/Lisbon-Kaggle

Venue

NOVA IMS

Campus de Campolide
Lisboa, Lisboa 1070-312 Lisboa Portugal
+ Google Map

5th Lx Kaggle Meetup @ NOVA IMS

October 27 @ 15:00 - 19:00 - Free

Hello world! And a special hi to kaggle aficionados and data science enthusiasts out there! This next meetup is going to be really interesting! We will use a Kaggle challenge to focus on model evaluation and interpretation. We're also happy to say that the meetup will be longer than usual, meaning we will have time to really study those models thoroughly

Please register at meetup.com to participate: https://www.meetup.com/Lisbon-Kaggle/events/255582990/

WHAT WE WILL DO

There are two types of reactions when a model produces 99.99% accuracy on your training set: (1) "this is the best model in the world and I'm a data science genius!" and (2) "nice! But could this thing be overfitting the training data?". Overfitting is a common problem in data science, and it is just one aspect of model evaluation. In this meetup, we will deliberately skip the initial data cleaning and feature engineering part of the process and zoom in on model evaluation and interpretation.

Using data from a Kaggle challenge, we propose to first split the training set into training, validation and test subsets, in order to tune and evaluate different types of models. How do these models perform versus a simpler baseline model? Which of the models is doing a better job at predicting the results?

Team (Meetup Porto)

Arian Pasqualli

José Marcelino

Joana Silva

João Gamboias

Leonid Kholkine

Adriana Costa
Meetup Coimbra

António Leitão
Meetup Lisbon

Arian Pasquali
Meetup Porto

Bruno Cruz
Lead Team

Celso Santana
Design

David Campos
DSPT Day

Eriksson Monteiro
Meetup Aveiro

Filipe Assunção
Meetup Coimbra

Joana Silva
Meetup Porto

João António
Lead Team

João Brandão
Lead Team

João Gamboias
Meetup Braga

João Ourique
Site

José Marcelino
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José Monteiro
Meetup Braga

Kelwin Fernandes
DSPT Day

Leonid Kholkine
DSPT Day

Mário Antunes
Meetup Aveiro

Miguel Monteiro
DSPT Day

Ricardo Domingos Ferreira
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Ricardo Marques
Lead Team

Rita Figueiredo
Meetup Coimbra

Rui Martins
Meetup Aveiro

Rui Mendes
Lead Team

Rodrigo Barros
Site

Sérgio Cunha
DSPT Day

Susana Paço
Communication

Tiago dos Santos
Meetup Lisbon

info@datascienceportugal.com

The DSPT meetup #41 is sponsored by

Agenda

18:30 - 19:00	Welcome and get together
19:00 - 19:30	**"Creative Applications of Music Information Research”** by Matthew Davies - INESC TEC
19:40 - 19:45	Group Photo
19:45 - 20:15	Networking / Beer Break
20:15 - 20:45	**"Big (Unlabeled) Data: a quest to create a fish detection dataset”** by Pedro Costa - Abyssal
20:50	Closing
21:00	Dinner

Creative Applications of Music Information Research

Matthew Davies
INESC TEC

PORTUCALENSE UNIVERSITY INFANTE D. HENRIQUE
MASTER IN DATA SCIENCE
Science for computational and inferential thinking
Fall 2019
ABOUT THE COURSE
To train specialists in analyzing, interpreting and developing software based on mathematical and statistical models
Professionals with strong multidisciplinary knowledge to extract data information helping companies in decision making
Professionals with profiles of both engineers and scientist
Data scientists with skills in innovation, creativity and interpersonal communication
COURSE STRUCTURE
1st year, 1st semester:
- Exploratory Data Analysis
- Programming for Data Scientists
- Data Science Perspectives
- Estimating, Detection and Learning I
1st year, 2nd semester:
- Estimating, Detection and Learning II
- Machine Perception
- Emerging Paradigms for Big Data
- Natural Language Processing
- Statistical Graphics and Visualization I
2nd year:
- Dissertation, Project or Internship
MORE DETAILS PLEASE SEND EMAIL TO UPT@UPT.PT
#DATASCIENCE #MACHINELEARNING #BIGDATA #COMPUTERSIENCE #DSPT #DATASCIENCEPORTUGAL #UNIVERSIDADEPORTUCALENSE

Networking / Beer Break

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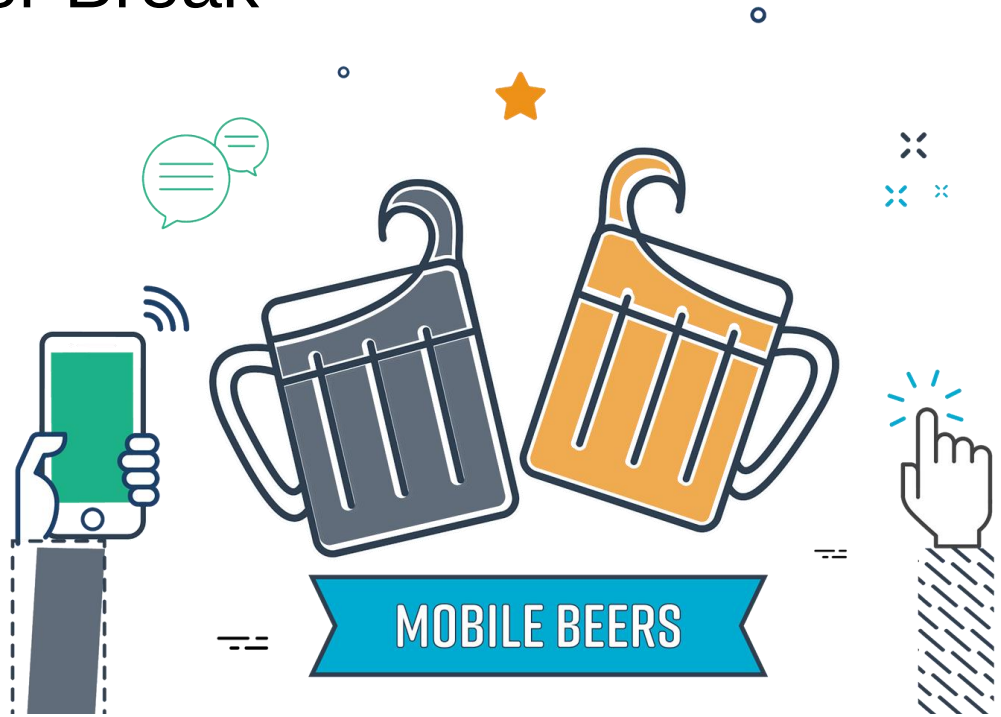

Beer and Networking?
Not such a bad match!

Big (Unlabeled) Data: a quest to create a fish detection dataset

Pedro Costa - Abyssal

Next Scheduled Meetups

Thank you!

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