Introduction to Machine Learning

University of Bremen

Informatica Feminale 2018

Georgia Olympia Brikis

06th - 10th August 2018

About Myself

- **Computer Science** and **Philosophy** in Munich and Warsaw
- **Machine Learning Research** @ Siemens Corporate Technology
- **Current project** : Autonomous detection of coniferous seedlings in UAV images of Canadian forests
- Swimming, Building Bikes, Learning
- German, English, Polish, Greek, French and Japanese

About the Course I

- Course language : *English*
- Classroom : MZH, 1460
- Time Table
  - Mon, 6th 11:00-12:30 14:00-16:30
  - Tue, 7th 09:00-12:30 14:00-16:30
  - Wed, 8th 09:00-10:30 -
  - Thu, 9th 09:00-12:30 14:00-16:30
  - Fri, 10th 09:00-12:30 14:00-16:30

About the Course II

- Teaching method
  - 10-30 min introductory presentation
  - 15-30 min individual exercises
  - 15 min quizes

Certificate / Credit

- *Participation Certificate (Teilnahmenachweis)*
  attendance, participation in class
- *Participation Certificate + Credit (1 ECTS) (Leistungsnachweis)*
  attendance, participation in class, successful completion of quizes (>75%)
- *Participation Certificate + Credit (2 ECTS) (Leistungsnachweis)*
  attendance, participation in class, successful completion of quizes (>75%), successful completion of homework assignement
- *General Participation Certificate*

Social Program

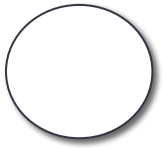
- Daily (afternoon) activities
- **Sign up** at the conference office

https://www.informatica-feminale.de/eng/social-events/

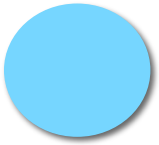
- Mon, 6th 16:30 *Cafeteria* Opening-Get together with Cake Buffet
- Tue, 7th 16:30 *Field trip* Airbus
- Wed, 8th 11:00 *MZH 1470* Talks, Lunch Buffet & Field trips to Research Labs
- Thu, 9th 16:30 *Field trip* Bremen Insitute for Production and Logistics
- Fri, 10th 16:30 *Field trip* Bremen Cotton Exchange
- Sat, 11th 18:00 *Teerhof* Networking Party

Let's get to know each other

Key words you associate with Machine Learning
and/or what do you expect to learn about in this course



Python programming experience (e.g. project size, years of experience)



What skills do you have that could be usefull for doing Machine Learning? (e.g. Linear Algebra, Programming)

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