DEEP LEARNING AND MACHINE LEARNING IN SCIENCE

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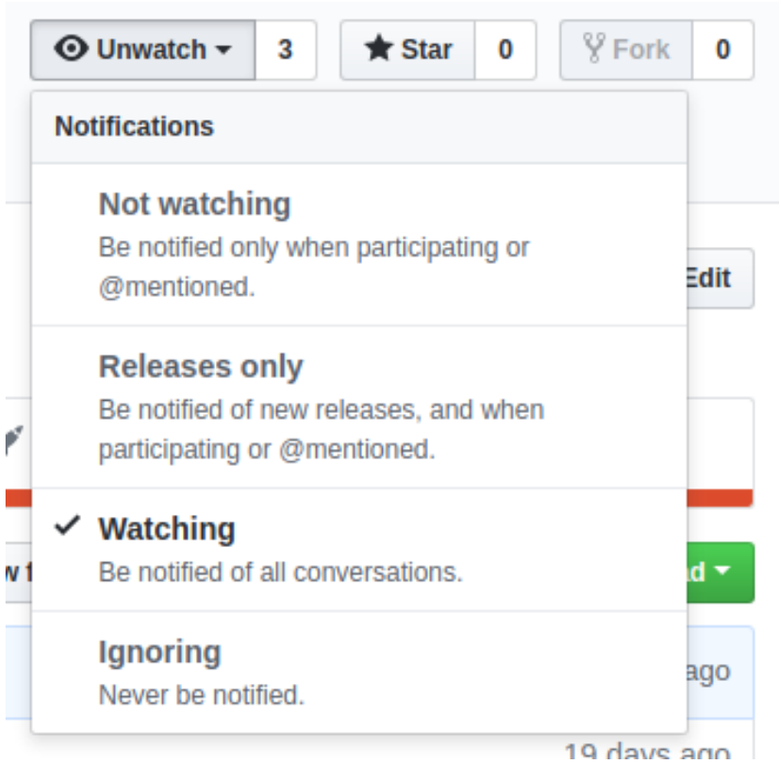
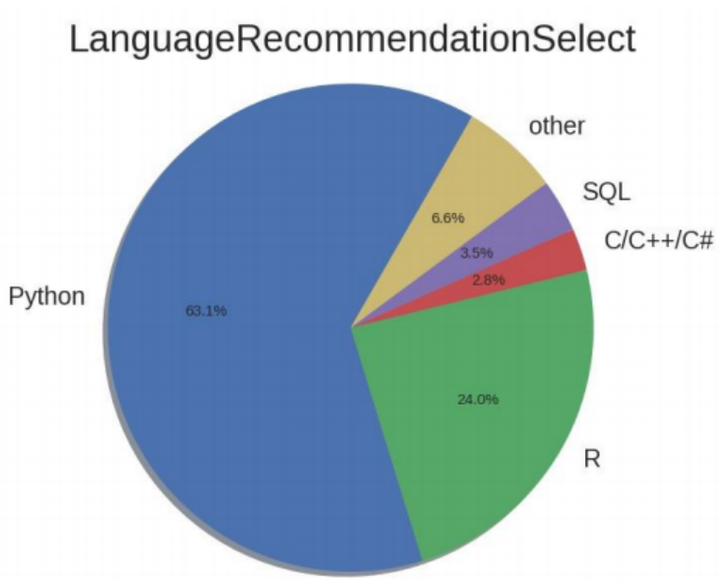
DEEP LEARNING AND MACHINE LEARNING IN SCIENCE - DETAILS

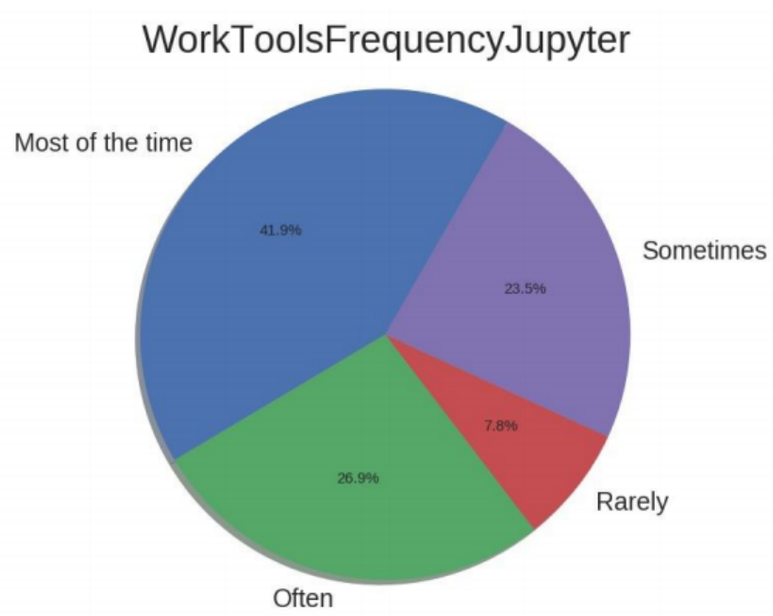
- **webpage: https://patbaa.github.io/physdl/**
- **last year's lecture notes: http://qati.me/dl-class.html**
- **github: https://github.com/patbaa/physdl**
  - **questions -> github issues**
- **9:00 - 10:00 at Ortvay room (0.81)**
- **materials in English lecture notes will be available on the webpage**
- **lectures are in Hungarian**
- **for some lectures there will be notebooks provided (optional, just for practice)**
- **requirements:**
  - **participation in two Kaggle in-class challenges**
  - **thresholds will be provided for both of them in advance**
  - **points (grades) are based on exceeding the thresholds**
  - **... but there is always an opportunity to get better grade if you work on some project**

DEEP LEARNING AND MACHINE LEARNING IN SCIENCE - TODO

- **register to GitHub + 'watch' the course repository to get notifications**
- **register to Kaggle**
- **fill the google form: https://goo.gl/forms/pKQeFPfMYoQI4Q5M2**
- **get access to a computer with**
  - **jupyter notebooks (python3)**
  - **keras, tensorflow, sklearn, pandas, numpy, matplotlib installed**
  - **Google Colab with GPU https://colab.research.google.com/**
- **expected to have knowledge in:**
  - **basic python**
  - **jupyter notebook**
  - **pandas**
  - **numpy**







[Kaggle ML and DataScience Survey, 2017]